

557

HOURLY READINGS
FROM THE
SELF RECORDING INSTRUMENTS,
AT THE
SEVEN OBSERVATORIES,
IN CONNECTION WITH THE
METEOROLOGICAL OFFICE,

Issued by Authority of the
METEOROLOGICAL COMMITTEE.

JULY, 1877.



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BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	30.134	30.113	30.102	30.083	30.077	30.074	30.082	30.081	30.072	30.073	30.068	30.055	30.0
2	.045	.042	30.044	30.038	30.040	30.044	30.047	30.052	30.051	30.050	30.051	30.049	30.0
3	.034	.009	29.997	29.989	29.985	29.986	29.989	29.983	29.973	29.970	29.979	29.985	29.9
4	30.025	30.023	30.021	30.015	30.015	30.017	30.024	30.025	30.023	30.022	30.023	30.026	30.0
5	29.956	29.945	29.936	29.928	29.924	29.918	29.913	29.917	29.914	29.903	29.903	29.908	29.8
6	29.973	29.973	29.972	29.980	29.995	30.019	30.042	30.055	30.068	30.093	30.104	30.119	30.1
7	30.263	30.261	30.258	30.264	30.273	↑.292	↑.298	↑.314	↑.321	↑.334	.329	.327	.33
8	.335	.335	.328	.318	.317	.326	.329	.322	.329	.334	.340	.342	.33
9	.307	.285	.286	.286	.280	.271	.275	.271	.273	.274	.276	.266	.2
10	.183	.160	.142	.121	.115	.113	.111	.107	.099	.093	.089	.088	.07
11	.120	.117	.111	.112	.114	.120	30.125	30.129	30.133	30.137	30.141	30.144	30.14
12	30.074	30.063	30.047	30.026	30.019	30.002	29.984	29.969	29.951	29.943	29.940	29.928	29.9
13	29.653	29.631	29.629	29.623	29.614	29.607	.607	.605	.609	.615	.620	.635	.6
14	.533	.514	.498	.475	.469	.458	.455	.440	.438	↑.437	.435	.433	.4
15	.431	.427	.419	.415	.407	.403	.408	.413	.408	.409	.408	.405	.4
16	.369	.359	.359	.369	.381	.397	.407	.426	.441	.452	.468	.487	.4
17	.714	.721	.725	.746	.746	.755	.762	.785	.796	.806	.825	.849	.8
18	.933	.904	.884	.848	.823	.819	.825	.834	.833	.839	.849	.850	.84
19	.853	.824	.803	.787	.791	.793	.790	.790	.795	.798	.797	.801	.80
20	.934	.937	.929	.944	.945	.951	.948	.958	.965	.966	.967	.972	.96
21	.833	.812	.798	.790	.778	.781	.775	.777	.771	.753	.747	.734	.71
22	.549	.548	.545	.538	.528	.525	.518	.507	.500	.493	.497	.489	.48
23	.350	.336	.313	.291	.272	.255	.240	.227	.217	.207	.211	.207	.20
24	.292	.299	.316	.333	.350	.373	.394	.411	.429	.439	.447	.451	.46
25	.707	.721	.722	.723	.734	.742	.748	.756	29.765	29.769	29.772	29.776	29.77
26	29.775	29.828	29.855	29.898	29.929	29.958	29.991	29.999	30.018	30.038	30.047	30.057	30.07
27	30.149	30.141	30.143	30.135	30.150	30.153	30.162	30.175	.183	.193	.198	.216	.22
28	.220	.208	.204	.206	.202	.205	.206	.212	.215	.220	↑.233	↑.242	.24
29	.292	.290	.286	.291	.293	.300	.296	.296	.297	.302	.297	.295	.29
30	.280	.265	.250	.246	.250	.250	.246	.239	↑.231	↑.226	.232	.218	.21
31	30.097	30.076	30.062	30.048	30.036	30.035	30.029	30.015	30.008	30.016	30.012	30.008	30.00

DRY BULB THERMOMETER 12 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	55.9	56.0	55.7	55.0	55.2	55.9	54.1	56.0	58.5	59.4	58.8	60.3	61.4	62.6	62.5	60.9	61.5	61.7	60.5	58.6	56.5	54.3	56.3	56.7
2	56.9	55.8	55.2	54.2	53.5	55.3	55.9	56.6	57.0	58.3	60.0	60.0	59.2	60.6	60.5	58.3	59.6	58.7	57.3	56.7	56.6	56.4	56.1	55.0
3	54.9	55.1	56.2	55.7	55.3	55.0	54.8	54.9	56.5	55.7	54.7	55.8	56.1	57.9	59.1	59.3	59.5	58.9	57.8	56.7	53.7	53.3	52.4	52.5
4	52.1	51.4	51.7	51.7	52.4	52.7	53.1	54.4	56.5	56.6	57.3	56.7	57.6	57.8	58.9	59.1	59.3	59.3	59.6	57.0	54.6	52.5	52.6	51.7
5	51.9	50.7	50.3	50.0	51.4	51.7	54.3	48.6	54.5	56.2	56.4	55.1	57.3	57.3	57.6	57.3	56.7	57.2	56.3	54.2	53.2	53.3	53.4	52.4
6	52.2	51.8	52.7	52.5	51.5	51.5	50.5	55.2	55.5	56.8	56.7	56.8	57.7	58.9	58.4	58.1	58.2	58.4	56.1	54.7	54.0	53.4	53.2	52.6
7	52.4	52.4	52.2	50.6	51.4	52.9	53.3	55.3	56.5	57.3	57.6	58.0	58.7	59.3	58.8	58.8	59.5	59.3	57.5	56.4	54.4	53.5	54.0	52.2
8	51.6	51.4	51.6	53.2	53.6	54.3	54.7	56.5	56.0	57.7	58.7	58.3	58.4	57.6	60.0	60.0	60.0	59.6	58.0	57.1	57.3	57.4	57.8	
9	57.7	58.1	57.6	57.5	57.9	58.3	59.4	59.9	60.7	61.6	61.6	62.5	62.7	64.1	64.6	63.2	63.1	62.2	61.7	60.9	60.2	59.7	59.3	59.3
10	59.5	59.5	59.6	59.7	59.6	59.6	60.7	61.1	61.7	60.8	59.7	59.9	60.4	59.8	61.3	60.1	60.9	58.2	58.3	57.3	57.1	56.7	56.3	55.6
11	55.9	55.2	53.2	53.3	53.4	53.7	53.6	54.3	56.4	57.6	58.4	58.6	59.7	59.7	58.5	58.9	57.7	59.4	58.5	57.6	57.1	56.2	55.7	56.2
12	56.1	55.5	55.2	54.7	54.3	54.8	55.2	56.1	55.6	57.6	58.7	61.3	61.7	63.1	62.5	60.5	61.1	59.2	57.9	57.3	56.9	56.7	56.8	56.9
13	57.6	58.4	57.0	56.3	55.7	56.9	56.7	58.2	57.9	58.2	59.3	59.5	60.1	61.1	61.9	60.4	60.3	59.1	58.8	57.5	57.3	57.1	56.6	55.3
14	55.3	54.9	55.4	54.6	54.2	55.6	57.1	56.4	57.3	59.6	59.2	59.5	59.6	59.2	59.2	58.8	59.1	57.8	57.8	56.5	56.3	56.4	56.4	56.2
15	55.6	55.1	53.7	55.0	55.6	55.6	55.4	56.5	58.6	57.8	56.4	59.5	59.9	58.3	57.8	57.0	57.5	57.8	57.2	57.7	57.4	56.6	56.5	56.4
16	55.8	55.9	56.6	56.4	56.4	56.5	56.7	57.3	57.5	57.2	57.0	57.6	58.0	57.7	57.4	56.7	56.6	56.0	55.6	55.3	55.3	55.2	55.1	
17	54.4	54.3	55.0	55.5	55.3	55.7	56.9	55.0	56.9	58.6	58.0	54.1	58.2	58.2	58.3	58.6	56.6	56.6	56.1	54.8	54.6	54.2	53.7	53.3
18	52.9	52.8	52.3	52.4	53.4	54.6	57.7	57.6	58.8	58.7	58.5	58.9	59.2	59.9	60.2	61.3	59.5	59.4	57.9	57.5	56.8	56.6	56.3	56.4
19	57.4	57.0	58.9	58.9	58.3	58.3	55.3	58.3	58.9	60.2	59.7	59.0	58.4	58.1	56.3	59.3	59.0	59.1	57.8	56.5	54.1	53.4	52.7	53.4
20	53.0	53.0	52.7	51.9	51.6	53.1	55.2	56.6	57.1	57.9	58.5	59.7	60.2	61.3	61.2	61.2	61.1	60.4	58.6	58.8	58.2	58.6	58.4	58.7
21	58.8	58.5	59.2	59.2	59.1	59.1	58.8	58.6	58.6	58.8	59.5	60.3	62.4	61.9	62.1	61.3	60.6	60.0	60.2	59.7	59.3	59.6	58.7	58.6
22	56.3	55.7	56.1	56.4	55.8	56.6	57.7	57.4	57.7	56.6	59.1	61.0	62.0	62.2	62.7	60.4	57.4	58.7	59.0	58.0	57.3	56.4	56.1	54.9
23	55.6	56.4	56.0	55.5	55.7	56.7	56.8	56.7	57.8	57.9	57.0	59.9	61.0	61.2	61.4	60.9	61.1	59.4	57.0	56.8	54.8	54.9	53.3	53.2
24	54.1	53.6	53.0	53.4	53.2	53.4	56.1	57.1	57.8	58.1	59.7	60.4	61.2	61.5	59.2	59.1	59.8	59.0	57.5	57.3	56.8	55.9	55.9	55.7
25	54.5	55.5	55.6	56.5	56.7	56.8	57.5	57.7	56.1	57.7	57.3	57.2	56.4	58.2	58.2	58.1	55.0	57.1	57.0	58.9	58.2	58.5	57.9	57.2
26	56.6	56.8	56.3	55.6	56.4	56.6	56.6	56.8	57.8	58.7	59.7	60.7	59.6	61.2	60.2	60.2	58.7	60.1	58.8	58.4	58.1	57.7	56.8	57.0
27	57.0	56.3	56.5	56.6	56.0	57.3	57.9	59.0	60.8	60.3	60.3	61.4	60.8	61.4	62.0	61.4	62.2	60.4	59.7	58.9	58.9	59.0	58.6	58.3
28	58.3	58.9	58.8	59.5	59.7	59.2	59.8	61.3	61.2	61.8	61.5	62.3	63.0	63.6	62.6	61.5	62.3	61.6	61.0	60.3	59.5	58.5	58.7	58.7
29	58.7	58.7	57.5	56.7	57.2	57.3	57.5	58.4	59.1	60.0	61.3	62.1	62.9	63.6	62.3	61.2	59.6	59.2	58.7	57.9	57.3	57.3	57.6	57.0
30	56.3	56.0	55.7	54.8	55.7	56.7	57.4	58.0	59.5	63.6	64.8	65.2	66.2	67.3	66.7	64.1	64.1	62.6	61.6	60.8	60.2	60.0	59.8	59.7
31	59.7	59.1	59.4	59.0	58.9	59.2	60.2	60.0	60.4	61.3	63.0	63.6	59.6	59.5	59.6	61.6	58.9	58.9	58.5	56.5	56.3	55.4	55.9	55.8

HOURLY VALUES July 1877.

CISTERN 23 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
057	30.052	30.053	30.048	30.047	30.049	30.047	30.047	30.049	30.047	30.046	1
045	30.046	0.041	0.039	0.039	0.046	0.047	0.049	0.056	0.049	0.043	2
997	29.995	30.001	30.004	30.003	30.007	30.015	30.021	30.031	30.036	30.029	3
014	30.014	29.997	29.998	29.991	29.994	29.991	29.990	29.990	29.980	29.971	4
892	29.888	29.892	29.894	29.900	29.902	29.919	29.932	29.951	29.958	29.967	5
138	30.154	30.168	30.177	30.192	30.199	30.216	30.231	30.240	30.249	30.255	6
340	343	344	338	338	343	341	348	350	348	336	7
342	333	328	327	325	324	326	328	327	320	308	8
256	249	243	238	229	231	228	235	221	212	199	9
084	085	090	086	093	096	098	105	113	119	121	10
139	30.136	30.129	30.117	30.115	30.113	30.110	30.104	30.097	30.086	30.074	11
888	29.867	29.853	29.836	29.819	29.798	29.786	29.771	29.741	29.720	29.683	12
630	619	613	605	594	592	596	592	578	570	558	13
429	429	428	427	427	427	435	441	448	440	432	14
396	384	376	369	372	373	375	372	380	376	369	15
518	532	549	565	583	602	636	650	676	692	711	16
877	892	902	920	933	938	955	963	973	962	946	17
841	844	843	847	854	873	877	884	893	889	866	18
827	850	864	883	891	903	914	924	940	939	938	19
763	963	951	938	935	919	901	883	863	867	845	20
703	686	660	641	615	597	578	561	535	528	530	21
474	463	452	442	430	418	419	412	397	387	369	22
202	202	208	209	213	222	236	252	273	279	284	23
490	517	538	552	581	607	628	648	672	693	698	24
756	29.748	29.719	29.705	29.683	29.675	29.672	29.679	29.691	29.702	29.744	25
069	30.074	30.075	30.079	30.084	30.098	30.116	30.124	30.131	30.135	30.147	26
225	232	230	234	233	228	228	231	228	234	228	27
257	261	264	263	261	267	277	284	292	292	296	28
296	300	305	301	313	311	309	310	303	301	291	29
183	175	158	152	147	144	142	138	130	111	104	30
004	30.010	30.009	30.016	30.019	30.028	30.037	30.049	30.060	30.061	30.069	31

WET BULB THERMOMETER 12 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	MOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
539	537	537	538	543	530	540	552	555	558	545	563	579	572	560	569	566	554	552	543	525	547	547	1
532	515	488	493	509	511	522	526	547	553	547	546	555	557	544	552	550	548	540	532	530	532	527	2
536	537	530	527	524	535	528	536	542	537	534	532	539	530	531	533	522	520	513	492	486	488	487	3
477	486	482	489	488	499	510	511	508	506	529	525	514	527	517	526	532	531	516	497	484	489	484	4
475	472	473	482	482	497	469	496	501	516	508	525	522	522	524	504	508	506	498	486	487	497	479	5
482	484	478	477	477	469	510	493	505	515	513	517	527	528	515	515	516	508	497	492	490	484	484	6
480	487	481	489	493	495	500	510	516	514	518	532	531	529	523	530	520	514	506	492	490	494	478	7
478	480	496	500	505	508	515	523	529	542	538	532	537	561	556	557	556	553	552	549	548	549	543	8
561	554	555	558	562	568	567	574	583	582	587	591	597	598	596	590	591	586	585	583	580	579	579	9
579	581	581	580	580	533	585	593	584	587	593	597	591	597	587	587	564	554	546	537	538	533	533	10
518	510	518	519	522	523	519	534	526	540	543	550	553	554	559	552	559	551	549	546	539	539	542	11
537	538	538	529	529	536	538	535	546	555	565	569	567	565	562	570	559	557	557	557	537	562	564	12
579	559	553	562	557	562	577	573	574	582	585	587	582	590	582	585	584	581	561	561	559	556	544	13
538	545	537	534	551	557	556	559	569	662	565	570	564	563	564	565	555	553	550	547	546	548	547	14
538	533	532	535	533	538	540	549	551	550	557	553	546	549	532	565	550	545	547	547	549	547	547	15
547	554	555	556	556	556	558	558	562	558	562	561	560	566	553	550	546	543	537	528	523	519	519	16
515	510	523	533	540	542	534	535	533	530	511	527	521	532	518	513	512	505	503	503	499	508	512	17
520	517	519	529	539	572	573	583	583	579	584	581	596	598	603	589	586	573	572	573	494	494	502	18
567	567	587	581	583	581	579	577	584	584	571	572	560	546	537	529	527	516	512	494	494	488	502	19
493	492	495	477	507	514	516	529	521	535	545	549	550	548	550	553	556	556	563	563	570	571	567	20
573	571	573	574	574	576	576	577	579	585	586	599	598	598	591	592	587	586	584	583	587	577	574	21
542	540	544	539	544	547	547	547	546	562	573	584	579	577	568	563	571	566	558	551	540	542	519	22
531	531	530	537	540	540	545	546	548	540	560	571	563	566	556	562	542	537	535	526	527	517	514	23
510	509	510	507	512	526	534	543	547	554	558	572	567	555	538	550	542	535	538	534	530	529	525	24
524	532	541	537	537	553	554	551	560	553	550	549	572	571	570	571	565	564	585	580	582	577	569	25
560	553	546	545	543	552	557	561	567	570	576	578	584	581	584	581	582	573	570	570	569	561	562	26
554	558	559	552	566	571	567	575	569	563	569	561	567	565	572	568	570	568	572	573	580	580	580	27
589	588	593	597	591	597	610	606	610	614	621	622	617	605	611	606	602	597	590	586	587	586	586	28
585	572	565	571	571	572	577	579	583	592	600	606	608	606	600	587	583	579	573	569	568	568	563	29
557	553	544	555	563	567	576	582	604	618	619	626	629	625	613	613	606	602	600	596	595	592	592	30
587	588	585	585	588	597	595	601	607	613	615	589	579	566	578	583	542	544	530	523	520	517	510	31

Meteorological Office.

116 Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Secretary.

WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	23	65	23	85	22	85	22	65	22	65	22	85	23	65	23	65	23	12	22	13	22	16	21	16
2	23	105	24	11	26	15	27	12	26	75	24	13	25	12	24	14	24	14	23	15	24	24	23	23
3	23	13	22	19	23	21	23	23	24	16	24	18	22	19	22	21	22	20	23	17	27	14	28	12
4	27	95	27	65	27	12	27	85	27	75	27	65	30	4	25	45	25	55	26	65	26	75	24	11
5	27	105	25	65	21	4	24	45	24	55	24	45	24	65	23	85	25	13	24	15	26	16	25	14
6	31	12	29	75	30	13	31	15	30	12	31	12	30	15	31	12	30	16	29	17	30	17	30	17
7	30	11	29	105	29	95	31	55	31	75	31	55	31	85	31	85	31	95	29	105	29	14	30	11
8	29	95	29	75	27	65	27	45	27	65	27	45	27	65	23	14	22	16	23	11	21	19	21	18
9	19	22	19	17	20	23	20	20	20	23	20	23	20	25	20	26	19	27	19	24	20	29	20	27
10	18	26	18	33	19	31	18	30	18	33	18	33	18	32	18	34	18	34	18	33	18	36	18	34
11	26	11	26	13	25	95	26	85	27	105	26	12	27	105	27	75	24	85	26	105	26	95	25	13
12	26	45	22	105	21	65	21	45	25	85	23	75	23	85	20	95	22	14	21	75	17	14	16	17
13	14	24	18	19	22	14	22	12	21	11	20	17	21	16	22	16	23	18	24	16	24	18	24	15
14	21	55	21	2	21	65	21	3	21	2	21	45	21	65	26	85	29	55	29	75	27	95	27	105
15	27	15	29	11	28	11	28	95	28	12	29	14	29	16	28	16	28	15	29	17	27	17	28	21
16	27	23	28	25	27	22	28	26	28	24	28	26	28	23	28	22	28	24	28	19	28	25	28	23
17	27	25	27	25	27	26	27	24	26	20	26	20	26	22	26	24	26	26	26	21	27	22	28	25
18	23	85	27	55	20	11	12	85	13	21	14	16	20	12	23	16	22	16	21	14	21	13	21	14
19	21	55	16	85	21	20	21	20	22	18	22	19	22	19	22	19	23	20	21	19	20	21	22	23
20	25	13	24	13	26	11	24	95	23	75	23	75	23	17	22	20	22	18	22	22	21	25	21	24
21	18	36	18	33	19	38	18	35	19	38	18	32	19	35	18	32	18	28	18	31	17	31	17	36
22	22	20	22	105	20	15	20	17	18	12	18	17	17	23	17	24	16	26	17	21	*	*	*	17
23	16	28	16	26	16	21	15	17	15	20	15	25	16	28	16	27	16	34	17	33	18	32	17	41
24	22	16	22	17	23	17	23	105	24	95	24	105	22	17	21	16	21	20	19	27	19	29	19	34
25	23	14	22	16	22	13	21	16	20	21	20	23	18	21	18	27	17	26	19	23	20	18	20	18
26	30	13	29	11	29	14	27	11	26	16	26	16	25	12	24	11	23	13	21	14	21	16	21	23
27	24	4	24	4	24	2	24	2	24	3	24	15	24	3	27	65	29	55	29	95	29	95	29	105
28	22	95	22	13	22	14	22	16	22	14	22	14	22	16	22	20	23	20	23	25	23	21	24	23
29	22	11	23	95	24	75	21	75	21	105	21	105	21	105	21	105	19	105	20	11	20	14	19	12
30	12	105	12	4	12	2	12	95	12	105	12	95	12	95	12	12	13	16	15	12	14	11	14	15
31	16	55	14	75	14	85	14	85	14	65	19	45	19	65	19	45	21	75	21	85	24	85	25	105

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 11 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.	.	.	.030	.	.	.018	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.001	.001	.001	.001	.001	.007	.050	.018	.003	.055	.050	.020	.010	.	.001	.001	.	.	.	.020	.	.	.	.
4	.001	.001	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.005	.003	.	.	.	.004	.005
5	.012	.	.	.	.	.	.	.122	.003	.	.070	.020	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.012	.006	.	.	.	.	.	.007	.001	.001	.001	.002	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.008	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.040	.050	.025	.005	.005	.	.010	.007	.	.	.	.	.	.
11	.	.	.003	.015	.	.	.	.024	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.003	.002	.002	.011	.	.	.	.002	.	.	.	.	.	.	.	.	.	.	.030	.022	.023	.035	.072	.
13	.072	.036	.010	.	.003	.	.007	.008	.007	.	.010	.002	.003	.	.	.	.	.010	.010	.	.	.	.015	.
14	.	.	.005	.015	.	.	.	.004	.006	.	.	.	.	.	.	.	.002	.002	.001	.001	.010	.	.	.
15	.	.	.	.	.	.	.	.004	.	.020	.	.	.	.	.	.005	.007	.	.	.	.003	.002	.033	.
16	.022	.016	.018	.005	.005	.	.	.035	.	.	.	.	.	.	.	.	.	.	.002	.002	.002	.	.	.
17	.	.006	.	.	.	.	.	.008	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.005	.040	.028	.025	.007	.	.	.005	.005	.	.	.	.030	.018	.	.	.	.	.002	.	.003	.007	.005	.
19	.003	.025	.013	.017	.010	.003	.005	.002	.003	.002	.	.	.010	.010	.	.	.	.	.005	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.001	.001	.001	.001	.001	.
21	.001	.001	.001	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.005	.015	.020	.020	.003	.
22	.002	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.170	.005	.	.	.	.002	.003	.018	.
23	.	.	.	.	.	.	.	.057	.015	.	.	.	.	.	.	.	.	.	.002	.003	.027	.	.	.073
24	.	.	.045	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.073	.	.008	.002	.020	.022	.063	.075	.040	.035	.040	.050	.045	.030	.025	.	.
26	.	.	.	.	.	.	.004	.004	.	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.005	.007	.006	.012	.002	.020	.002	.	.006	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.	.	.015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.	.	.	.	.	.	.	.	.005	.002	.	.	.	.	.	.	.	.	.002	.

* Record defective or instrument out of action. * Obtained from reading of Standard

HOURLY VALUES

July 1877.

AND VELOCITY IN MILES PER HOUR

2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
V	D	V	D	V	D	V	D	V	D	V	
17	20	19	22	16	23	16	22	15	22	12	1
22	23	22	24	20	24	22	24	21	25	14	2
12	27	15	26	14	28	15	28	14	28	10.5	3
11	26	12	24	14	24	13	24	11	24	6.5	4
17	26	14	26	16	27	18	28	14	28	14	5
19	30	16	29	19	30	17	30	16	30	14	6
12	30	14	26	13	28	12	29	11	28	9.5	7
85	21	13	21	18	21	17	21	14	21	11	8
31	20	30	20	31	20	30	20	28	20	29	9
19	21	20	21	14	22	18	26	13	27	13	10
14	23	16	22	12	25	12	25	11	26	10.5	11
17	18	21	18	19	16	21	17	19	17	16	12
17	21	14	21	13	21	13	21	14	20	6.5	13
15	27	16	27	14	27	13	28	15	27	12	14
25	26	26	26	25	27	23	28	19	27	19	15
22	28	24	27	23	27	23	27	23	28	25	16
24	27	24	27	22	27	21	27	19	27	16	17
15	22	16	23	16	23	18	23	16	24	14	18
16	27	18	28	20	27	19	26	14	26	17	19
26	21	25	21	23	19	25	17	25	16	33	20
37	17	38	17	39	17	40	17	40	17	44	21
31	17	30	18	27	17	24	18	25	18	25	22
39	20	30	20	36	21	30	21	27	21	24	23
28	24	26	24	26	24	22	22	22	22	22	24
23	17	18	17	12	14	10.5	14	7.5	10	7.5	25
18	21	15	21	14	21	13	22	9.5	24	9.5	26
9.5	27	10.5	28	9.5	27	8.5	27	7.5	27	5.5	27
20	23	21	23	17	22	16	22	16	22	12	28
20	21	18	22	16	22	15	22	12	21	10.5	29
23	14	26	15	22	14	22	15	21	15	15	30
20	30	20	30	20	30	17	30	20	30	16	31

VAPOUR TENSION. IN INCHES, BY GLAISHERS TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT		DAYS
388	387	395	395	400	387	391	392	389	397	354	387	446	399	384	402	391	374	391	392	370	407	401		1
372	335	282	301	321	320	337	341	381	377	362	368	375	382	366	378	384	396	381	362	359	369	367		2
391	380	368	364	359	392	371	374	401	399	377	369	366	329	329	333	313	320	315	296	287	301	298		3
288	305	296	304	298	319	330	313	305	292	353	334	307	324	301	318	332	327	318	298	291	301	300		4
291	288	292	303	296	301	300	297	295	326	319	336	379	327	334	295	298	304	304	288	289	299	281		5
294	289	278	287	287	279	323	284	296	320	314	314	324	333	306	305	305	312	297	292	295	284	290		6
283	301	305	316	307	307	300	311	315	308	314	339	329	330	317	326	305	309	303	289	294	297	281		7
290	292	311	315	320	323	323	348	343	363	351	342	364	398	385	387	389	389	399	401	396	397	380		8
423	409	414	416	423	425	416	426	441	438	441	450	451	447	459	461	463	463	459	466	467	463	460		9
457	462	460	469	459	453	454	470	464	480	496	502	491	488	474	462	456	479	413	393	373	382	377		10
342	344	365	365	370	374	354	369	336	362	367	372	380	398	405	403	399	390	390	393	385	392	394		11
389	395	402	381	375	390	385	382	387	398	394	399	378	380	395	409	402	414	421	426	430	443	447		12
473	431	424	429	426	445	470	461	460	469	477	474	444	457	453	465	479	473	431	433	430	428	411		13
398	413	401	397	428	424	431	427	425	441	416	428	416	413	422	421	410	404	412	407	402	407	408		14
396	381	381	382	377	393	384	382	398	413	393	378	379	392	411	443	395	389	389	392	408	404	405		15
412	423	428	431	431	430	427	424	422	437	428	432	424	425	417	418	411	408	404	391	367	355	346		16
344	325	353	383	395	384	386	365	342	342	336	333	318	343	308	316	314	305	311	312	306	333	348		17
377	376	379	394	406	461	466	480	482	472	481	492	506	508	508	490	481	461	449	446	440	441	443		18
456	491	491	479	487	479	474	459	463	470	429	451	420	404	344	328	327	311	316	300	304	298	322		19
306	367	324	285	339	333	323	348	321	349	366	365	355	351	356	365	380	402	419	427	442	443	432		20
453	436	442	447	447	458	461	464	467	477	468	479	482	480	469	483	475	469	470	473	481	463	454		21
401	390	396	390	394	389	392	389	400	412	419	439	421	410	412	438	444	424	415	404	385	396	348		22
362	368	370	387	381	380	395	385	389	377	396	413	389	395	374	387	355	369	367	367	368	362	355		23
389	345	342	387	347	354	360	377	384	383	385	414	397	392	348	371	359	360	369	364	366	364	363		24
385	374	387	375	372	408	408	421	425	410	403	410	454	451	450	450	449	446	455	479	482	474	459		25
437	424	413	399	391	417	428	427	432	427	431	453	464	463	463	475	458	448	445	450	452	440	440		26
427	436	437	425	449	455	427	428	416	399	403	388	398	416	393	402	412	427	431	443	445	473	477		27
498	496	503	513	499	511	532	520	523	533	530	544	538	536	512	519	513	510	503	493	491	495	492		28
489	464	455	464	463	464	467	463	463	472	486	494	492	503	500	481	474	469	461	458	455	451	443		29
440	432	418	438	448	450	470	467	479	507	504	513	508	503	501	501	499	500	506	502	495	495	497		30
489	487	484	485	490	505	502	512	522	516	515	488	467	417	426	389	360	371	358	344	345	334	327		31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.878	29.864	29.847	29.835	29.830	29.823	29.816	29.809	29.801	29.793	29.779	29.778	29.76
2	.730	.725	.716	.721	.712	.717	.712	.712	.719	.713	.716	.705	.70
3	.709	.696	.686	.680	.679	.678	.680	.675	.674	.673	.660	.661	.66
4	.727	.730	.726	.729	.731	.738	.745	.750	.750	.746	.752	.740	.73
5	.715	.709	.700	.688	.690	.687	.692	.686	.680	.676	.658	.649	.68
6	.681	.685	.682	.688	.690	.711	.717	29.730	29.742	29.754	29.763	29.774	29.78
7	29.951	29.944	29.950	29.957	29.965	29.980	29.994	30.000	30.011	30.012	30.014	30.014	30.0
8	30.035	30.034	30.030	30.021	30.024	30.029	30.027	30.031	30.035	30.030	30.029	30.024	30.0
9	29.964	29.952	29.950	29.939	29.931	29.920	29.926	29.923	29.912	29.918	29.924	29.922	29.9
10	.870	.847	.833	.822	.802	.801	.793	.787	.758	.749	.752	.743	.74
11	.800	.803	.794	.791	.795	.794	.813	.815	.816	.821	.828	.834	.81
12	.813	.806	.806	.790	.780	.763	.747	.738	.724	.708	.702	.694	.68
13	.532	.513	.502	.487	.470	.462	.453	.435	.426	.409	.398	.385	.37
14	.304	.288	.278	.263	.255	.256	.245	.236	29.229	29.223	29.216	29.204	29.19
15	29.110	29.091	29.080	29.066	29.052	29.034	29.023	29.006	28.988	28.965	28.950	28.934	28.9
16	28.920	28.924	28.933	28.937	28.955	28.963	28.976	28.985	28.992	28.998	29.003	29.018	29.0
17	29.205	29.213	29.231	29.242	29.258	29.276	29.292	29.304	29.322	29.330	.345	.370	.38
18	.584	.588	.595	.606	.607	.605	.608	.612	.623	.627	.622	.625	.61
19	.604	.579	.576	.558	.555	.546	.535	.508	.503	.482	.463	.449	.44
20	.590	.594	.587	.605	.609	.621	.619	.624	.635	.648	.644	.648	.63
21	.564	.539	.510	.489	.489	.474	.483	.491	.499	.500	.498	.495	.51
22	.335	.308	.295	.277	.266	.273	.284	.308	.312	.321	.330	.329	.33
23	.220	.202	.190	.192	.169	.166	.143	.128	.114	.077	.056	.028	.01
24	.042	.040	.048	.041	.056	.072	.084	.104	.131	.139	.159	.162	.11
25	.363	.379	.402	.411	.428	.445	.461	.489	.500	.507	.514	.516	.51
26	.539	.545	.549	.568	.590	.624	.639	.640	.656	.674	.703	.718	.72
27	.846	.850	.851	.853	.860	.869	.881	.890	.905	.908	.906	.907	.91
28	.937	.912	.914	.880	.859	.837	.812	.793	.797	.809	.820	.841	.84
29	.929	.928	.922	.927	.935	.938	.943	.952	.954	.957	.961	.968	.96
30	.998	.992	.992	.984	.989	.990	.990	.986	.992	.993	.986	.976	.98
31	29.843	29.830	29.811	29.795	29.788	29.779	29.768	29.756	29.746	29.735	29.727	29.721	29.7

DRY BULB THERMOMETER 4 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	53.1	53.2	52.9	53.0	53.0	53.7	55.0	56.1	57.8	58.8	60.9	56.9	59.7	62.6	61.5	61.3	58.9	59.1	58.1	56.7	55.2	53.5	53.8	52.7
2	52.1	52.7	52.3	52.0	52.0	51.9	53.0	54.9	53.6	57.9	58.5	60.9	57.9	59.0	58.3	57.5	57.6	57.1	55.7	54.8	52.9	52.2	51.3	50.1
3	49.2	50.0	49.1	48.7	48.0	48.0	50.7	54.1	54.9	51.1	56.2	57.6	59.9	57.2	59.9	59.7	57.1	55.9	55.7	52.4	50.1	49.2	48.4	48.2
4	47.9	47.3	46.9	46.0	46.0	47.2	49.9	52.3	55.0	57.2	57.9	57.3	55.0	59.3	60.1	56.7	56.6	56.1	51.9	51.4	51.1	49.4	47.6	46.7
5	46.0	45.0	45.0	44.3	44.3	46.3	49.0	51.8	53.3	54.5	57.6	56.7	56.2	54.6	51.2	50.0	52.7	51.1	50.7	48.4	48.1	48.2	45.8	46.2
6	44.3	43.9	43.0	42.3	42.7	44.2	49.2	51.1	54.7	52.0	56.1	54.6	53.3	53.6	57.3	57.2	58.1	53.2	53.6	52.5	50.3	48.9	48.1	48.9
7	48.2	47.6	46.7	47.0	48.0	50.0	50.9	52.8	52.5	55.9	54.9	54.5	57.9	57.2	57.4	57.1	54.9	55.2	54.0	52.9	52.0	51.2	51.0	50.7
8	50.1	49.8	46.8	50.0	50.5	50.9	51.9	52.1	52.9	54.3	55.8	55.8	58.6	58.3	58.1	57.7	57.0	55.0	55.2	54.4	54.2	53.8	53.9	54.0
9	54.4	54.8	54.6	54.3	54.5	55.7	56.0	57.6	58.7	59.2	58.9	59.1	59.7	59.9	60.0	60.0	60.2	60.2	60.0	59.9	59.5	59.3	58.9	58.8
10	59.0	58.9	58.9	58.9	58.7	59.0	59.1	58.9	60.3	59.3	60.0	60.2	61.6	62.0	62.9	64.7	63.7	61.9	60.9	57.8	55.8	56.0	55.0	53.4
11	53.6	53.3	52.9	52.2	51.7	52.8	52.8	53.7	55.0	55.4	56.0	55.0	57.3	60.0	60.3	60.4	59.5	58.3	57.5	56.4	56.6	53.9	53.0	53.0
12	52.9	52.4	52.2	52.0	52.3	52.7	53.9	54.6	58.5	59.9	60.3	61.1	62.2	63.1	60.8	59.4	59.9	59.1	58.3	56.9	56.7	56.1	56.0	55.4
13	54.7	54.3	54.4	54.3	54.4	54.3	55.0	55.7	56.4	56.5	57.0	58.7	59.7	60.5	61.9	63.4	59.6	60.7	59.2	59.1	58.9	58.2	58.2	57.7
14	57.1	56.4	56.4	56.3	55.6	55.5	57.2	58.8	59.0	58.7	60.2	60.0	60.6	61.9	61.9	63.2	62.1	60.9	60.8	59.8	58.5	58.2	56.9	56.9
15	56.4	55.9	55.1	55.1	54.9	54.9	54.6	54.6	54.5	55.0	56.0	56.8	58.0	58.9	58.6	58.5	58.7	58.2	58.0	57.9	57.8	57.7	57.3	57.0
16	56.9	56.6	56.2	56.2	56.1	56.0	56.7	57.5	59.2	61.9	61.9	60.8	61.1	62.1	60.5	59.3	57.9	57.3	56.9	56.8	56.6	56.6	56.5	56.1
17	56.2	55.5	54.9	54.7	53.9	53.9	54.2	54.7	55.0	55.2	55.8	56.0	56.6	56.2	55.7	55.9	56.1	56.2	65.2	54.1	53.9	53.7	52.9	53.0
18	52.5	52.3	51.8	50.7	50.8	49.7	53.0	54.2	56.0	58.9	58.9	60.2	60.3	61.8	61.5	61.9	62.0	60.8	60.5	58.6	57.4	55.6	54.7	55.1
19	55.2	55.8	55.7	56.6	56.2	56.5	56.9	59.2	58.9	58.3	58.9	59.3	59.9	58.3	58.1	55.2	55.8	55.7	55.7	52.9	51.1	50.6	49.0	48.3
20	47.7	46.9	45.9	45.9	45.6	47.6	50.2	51.9	53.9	56.2	57.7	57.1	59.3	60.0	55.9	57.9	57.1	54.0	54.7	55.0	54.6	53.9	54.0	54.1
21	54.4	54.7	55.0	55.4	55.9	57.0	57.2	57.6	58.6	59.3	60.5	62.1	62.8	62.9	63.4	63.5	63.4	63.2	62.6	61.6	60.3	59.9	59.6	59.8
22	59.4	59.1	58.7	58.4	58.7	58.1	58.5	56.4	58.0	59.9	58.8	60.9	60.9	61.6	61.3	61.7	60.7	59.0	57.6	57.0	57.0	56.9	54.9	55.2
23	54.9	53.7	53.3	53.5	53.7	54.0	54.8	55.0	56.7	56.9	58.0	59.0	59.0	55.0	60.3	60.9	61.0	62.3	61.1	59.2	57.2	55.8	55.0	53.9
24	52.3	51.9	51.1	50.9	51.2	51.8	53.0	54.4	55.9	58.4	58.3	60.8	60.0	59.1	55.4	56.0	56.0	65.5	55.6	55.3	54.5	53.3	52.2	52.0
25	51.7	51.7	51.3	51.0	51.4	52.0	54.0	55.8	56.9	59.2	59.9	60.1	59.9	60.0	61.9	62.3	61.5	60.7	59.4	57.9	56.0	54.4	53.7	52.2
26	51.1	50.8	49.1	50.0	51.4	52.7	54.3	56.9	58.8	58.6	57.9	58.7	60.9	60.3	61.8	61.4	61.5	59.1	58.7	57.2	56.6	55.5	55.0	54.5
27	55.0	54.9	53.7	53.9	52.9	53.9	54.0	54.7	56.4	58.5	59.4	60.3	60.7	60.8	62.5	60.2	59.9	58.2	57.4	56.3	55.8	55.3	55.0	54.9
28	54.2	53.2	53.7	53.5	53.2	53.0	53.9	56.1	58.9	59.9	60.8	62.4	62.9	63.6	62.7	63.3	62.8	62.1	62.1	61.9	61.5	61.6	61.6	61.0
29	61.4	61.9	61.0	61.4	61.0	60.0	60.0	60.2	61.3	62.3	62.9	63.4	65.0	65.4	68.1	67.1	65.6	64.3	63.8	62.9	62.0	61.8	61.5	60.7
30	59.9	59.7	59.8	58.3	57.7	57.8	59.0	60.2	63.3	64.2	67.2	66.5	66.7	67.2	68.9	67.2	67.1	67.2	66.9	65.1	64.5	63.7	61.5	60.0
31	59.7	59.5	59.4	59.3	59.3	59.7	59.9	60.6	61.7	63.5	64.0	62.8	58.9	57.5	57.1	57.5	57.7	58.1	56.8	55.2	54.7	50.7	49.3	49.1

HOURLY VALUES

July 1877.

CISTERN 20.7 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
749	29.747	29.747	29.754	29.756	29.751	29.754	29.759	29.748	29.748	29.740	1
699	694	687	687	684	688	685	699	702	713	710	2
669	666	665	678	673	680	696	707	714	721	721	3
730	724	717	713	710	722	718	717	725	726	724	4
645	658	637	646	636	643	658	663	674	679	681	5
791	29.808	29.819	29.833	29.854	29.880	29.898	29.919	29.930	29.942	29.941	6
011	30.027	30.023	30.028	30.031	30.035	30.040	30.047	30.043	30.045	30.046	7
022	30.020	30.021	30.028	30.027	30.021	30.015	30.015	30.008	30.001	29.985	8
913	29.914	29.912	29.906	29.901	29.910	29.901	29.901	29.912	29.897	888	9
728	739	737	752	763	780	784	789	797	806	802	10
838	838	842	839	839	837	836	836	838	834	821	11
666	653	638	620	611	602	593	589	574	562	551	12
861	846	835	835	826	828	828	837	832	821	812	13
181	29.177	29.160	29.158	29.143	29.151	29.146	29.144	29.139	29.131	29.120	14
909	28.890	28.883	28.879	28.878	28.891	28.894	28.906	28.910	28.913	28.916	15
029	29.044	29.058	29.072	29.092	29.111	29.128	29.145	29.164	29.183	29.191	16
401	429	446	465	477	494	516	540	559	572	577	17
617	619	606	617	606	599	618	618	607	618	611	18
455	465	494	508	523	539	560	575	584	596	590	19
649	666	658	657	667	666	662	659	635	627	596	20
490	482	475	453	432	424	405	403	391	378	359	21
308	800	276	264	251	240	232	238	238	229	224	22
024	015	001	005	000	006	022	034	034	034	033	23
195	227	213	224	227	247	273	305	326	341	360	24
519	520	513	509	511	520	531	531	540	537	531	25
739	745	753	764	778	787	808	822	841	849	840	26
926	934	943	951	944	945	950	951	958	955	953	27
856	872	881	898	900	911	920	931	938	938	930	28
764	959	966	974	976	987	993	998	995	30.006	994	29
775	956	937	919	908	888	871	860	862	29.854	857	30
740	29.749	29.747	29.748	29.747	29.752	29.759	29.774	29.776	29.777	29.777	31

WET BULB THERMOMETER 4 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
515	515	516	517	520	530	538	543	550	559	549	566	571	547	559	557	554	545	530	538	522	522	509	1
513	508	507	500	491	507	517	502	529	528	549	528	527	540	549	536	530	526	512	494	492	487	489	2
486	474	471	467	479	490	510	509	500	524	526	541	528	533	534	517	514	509	511	489	479	472	470	3
462	458	450	450	462	478	492	503	512	517	515	508	520	530	516	524	523	509	499	498	481	466	456	4
440	438	432	436	450	470	496	499	507	519	498	519	506	489	490	508	499	493	476	477	477	451	448	5
433	424	419	420	439	483	497	511	491	522	515	510	507	517	520	530	506	499	491	490	470	470	472	6
461	455	459	467	480	489	499	493	518	522	508	525	524	523	510	519	509	502	490	490	492	490	488	7
481	481	483	483	490	502	501	507	525	530	535	547	549	553	543	542	539	537	530	530	523	523	527	8
533	537	535	539	544	548	559	560	567	567	572	580	582	584	586	588	585	584	583	583	580	580	579	9
579	577	574	573	572	573	575	587	582	588	593	601	602	613	598	592	578	572	546	528	529	515	510	10
512	508	507	499	509	516	520	525	521	529	527	540	546	539	549	543	533	530	523	525	514	505	509	11
504	504	502	507	507	517	519	539	545	543	549	560	572	560	559	560	556	558	553	555	549	549	542	12
530	529	530	535	534	539	545	544	552	558	569	572	582	590	600	582	590	580	581	580	573	574	567	13
555	555	556	546	545	550	558	558	562	571	569	569	578	582	591	582	577	578	573	569	564	552	558	14
548	540	539	540	540	540	539	540	544	556	563	577	580	580	580	580	577	572	571	569	568	562	560	15
553	552	549	547	542	550	550	566	575	572	567	572	567	565	557	560	559	555	554	556	556	553	552	16
549	542	539	532	533	538	540	543	547	549	545	546	541	539	533	537	535	531	527	520	519	512	513	17
508	504	491	490	480	508	519	521	542	534	539	547	553	559	557	569	559	560	548	549	534	526	530	18
540	543	547	550	553	558	569	559	562	569	581	590	575	571	541	529	513	515	493	485	477	468	463	19
452	445	447	442	459	480	496	501	519	522	512	529	547	536	529	521	523	525	521	513	511	512	511	20
511	521	530	540	551	559	564	570	574	581	590	590	596	593	598	599	598	590	583	580	577	576	575	21
578	576	575	572	569	563	539	540	546	538	559	549	567	569	572	570	558	556	559	556	556	531	532	22
521	520	523	521	524	530	540	550	558	560	559	571	536	570	560	557	559	550	537	530	521	519	512	23
500	495	491	495	499	508	520	520	535	537	531	535	547	526	528	530	535	537	532	519	512	507	506	24
500	500	497	499	500	515	529	530	548	550	553	559	561	562	579	569	560	560	543	531	521	511	502	25
491	482	490	504	517	534	549	556	569	552	551	560	559	570	561	569	550	550	542	534	534	533	527	26
531	524	520	511	519	528	535	540	548	559	559	558	557	561	550	559	540	538	530	530	529	526	525	27
520	528	529	529	527	532	553	581	590	598	610	610	616	607	612	608	604	608	608	604	605	608	600	28
610	604	606	602	591	590	590	599	604	610	612	625	625	640	632	629	619	617	610	609	600	600	591	29
582	582	568	561	563	570	579	601	606	629	619	613	619	624	619	626	629	628	617	610	612	594	583	30
578	579	579	579	579	586	591	597	610	614	608	579	566	560	553	557	552	530	529	517	489	480	478	31

Meteorological Office.

116, Victoria Street, Westminster. S.W.

ROBERT H. SCOTT, Secretary.

LONG.: 6°39' W.

WIND				DIRECTION IN NUMBERS																		8-E		24-W		
																						16-S		32-N		
DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	19	3	19	3	19	4	10	3	19	4	18	45	19	45	19	65	19	75	19	85	20	105	23	55	21	75
2	19	55	20	55	21	55	21	65	20	65	20	75	21	95	21	105	21	95	22	95	25	95	22	95	23	75
3	20	75	20	85	20	85	20	55	19	55	20	75	19	75	20	105	21	11	21	65	23	12	25	95	23	10
4	23	65	22	65	22	65	21	45	20	45	20	55	23	45	26	65	24	55	25	55	29	45	32	75	17	85
5	21	3	21	3	19	4	19	2	19	3	19	3	19	4	19	3	22	4	21	45	17	65	16	75	26	55
6	12	2	12	15	12	2	12	15	12	2	13	2	20	4	28	55	28	75	29	55	30	65	28	75	30	85
7	25	4	24	3	26	4	27	45	27	3	25	45	25	55	28	75	28	65	29	65	31	55	28	75	28	75
8	23	45	23	4	20	4	24	4	24	4	21	55	20	55	20	45	21	55	20	65	22	45	19	55	24	55
9	19	95	19	105	19	11	19	105	20	95	20	14	19	12	19	12	20	15	20	14	20	14	20	11	20	11
10	19	12	20	12	19	13	19	13	19	12	19	12	19	15	19	12	19	16	18	14	19	15	19	15	19	16
11	20	85	21	75	22	75	21	85	21	65	21	85	20	75	21	85	20	95	21	95	23	65	22	85	24	75
12	27	6	22	2	20	3	20	3	20	4	20	45	20	45	21	55	21	65	20	65	19	45	18	45	20	55
13	18	55	17	55	17	45	17	4	17	4	17	45	16	45	16	45	15	65	15	55	16	75	14	95	14	105
14	20	45	19	45	19	4	19	3	19	3	19	4	19	3	18	45	18	3	20	2	22	3	22	2	22	2
15	31	3	29	3	29	4	28	55	27	45	27	75	27	75	27	85	27	85	27	75	28	85	28	75	29	55
16	31	55	31	75	30	55	31	65	31	55	31	45	29	55	30	55	29	65	30	75	28	95	29	55	28	85
17	27	85	27	75	26	85	26	75	26	75	26	75	26	55	25	75	26	85	26	95	26	11	26	12	26	12
18	25	75	25	55	22	4	23	45	23	45	22	45	23	45	22	65	22	45	19	4	22	45	23	4	23	4
19	16	2	16	2	16	2	16	3	16	45	16	55	17	55	15	85	17	75	16	11	16	105	17	85	21	95
20	21	45	18	4	19	4	20	4	19	4	19	55	20	65	21	85	22	12	21	105	21	95	21	12	21	105
21	16	105	17	14	17	15	17	14	18	13	18	15	18	15	19	13	19	12	19	11	19	13	18	14	19	12
22	16	11	16	13	16	13	16	12	16	105	18	85	19	14	19	105	19	11	18	105	18	95	18	65	16	105
23	16	75	15	95	15	95	16	95	14	85	15	11	15	85	13	75	14	11	13	105	14	18	14	16	16	95
24	16	12	17	105	17	105	17	11	17	95	17	105	18	95	18	11	20	11	19	11	19	11	18	13	20	14
25	19	65	18	75	20	75	18	65	18	75	19	85	19	13	19	105	20	11	19	11	19	105	18	13	19	11
26	18	3	18	2	18	3	18	3	19	3	19	4	20	55	20	55	20	85	23	65	24	85	23	65	23	85
27	21	45	24	55	23	45	22	65	23	65	24	65	22	75	23	65	24	75	24	75	23	75	24	75	24	85
28	21	55	20	4	19	45	19	4	18	4	18	4	17	75	18	85	20	85	23	75	24	95	24	105	23	95
29	20	105	21	105	21	12	22	95	20	105	20	11	20	11	21	12	21	11	21	12	21	12	21	105	21	11
30	20	105	20	105	18	55	20	95	19	85	18	65	17	75	18	85	20	105	20	13	20	11	20	105	20	12
31	19	55	19	65	19	65	20	55	20	65	20	55	20	55	20	65	21	85	21	105	20	95	20	75	2	65

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET

HEIGHT ABOVE MEAN SEA LEVEL 2.04 FEET

[illegible]

HOURLY VALUES

July 1877.

AND VELOCITY IN MILES PER HOUR

3		4		5		6		7		8		9		10		11		MIDT		DAYS	
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D		
75	22	11	23	85	24	75	24	85	23	65	22	85	23	4	21	45	21	65	20	55	1
75	22	75	23	75	24	75	24	55	22	55	22	65	23	65	23	65	22	45	20	55	2
95	26	105	26	105	27	105	27	65	27	75	25	4	27	55	23	45	23	55	23	45	3
85	19	65	21	75	24	45	24	55	28	3	25	3	25	4	25	3	25	2	24	3	4
45	17	4	19	3	16	2	10	2	8	3	12	2	12	15	12	2	12	15	12	15	5
55	30	95	82	85	29	75	31	65	32	85	31	75	31	4	30	4	28	3	28	4	6
65	28	105	28	105	25	55	27	75	27	65	26	65	27	4	26	4	24	4	23	45	7
65	24	65	26	85	23	75	22	75	21	75	21	75	21	85	19	85	19	85	19	105	8
2	21	13	21	11	21	12	21	13	21	13	21	105	19	105	20	105	20	11	19	11	9
5	21	13	22	13	23	11	25	75	25	85	23	75	23	55	24	65	24	75	20	75	10
25	24	85	26	85	24	65	24	55	24	45	25	45	24	3	23	4	22	45	22	3	11
55	20	85	20	55	20	55	20	55	20	55	18	45	17	45	17	45	17	45	17	4	12
65	15	3	18	45	21	4	21	3	22	3	22	4	21	4	20	2	20	3	20	45	13
2	22	2	28	4	27	3	29	4	30	3	31	2	31	2	31	3	31	2	31	2	14
15	80	85	32	85	31	75	31	95	32	85	32	85	32	85	31	75	32	65	32	65	15
25	29	75	29	75	29	65	28	85	28	75	27	75	28	75	27	75	28	85	27	85	16
27	11	26	12	26	12	27	11	26	11	26	85	26	95	25	85	26	85	26	55	17	17
21	4	17	4	20	45	19	3	18	3	17	45	16	45	16	3	16	4	16	4	18	18
21	85	25	95	25	105	25	85	25	95	25	75	23	45	23	65	21	65	20	55	19	19
24	65	22	85	22	75	26	4	18	2	19	55	18	55	18	65	17	75	17	11	20	20
17	105	16	105	16	95	16	12	16	12	16	13	16	13	15	14	16	13	16	14	21	21
16	95	15	11	14	12	14	11	13	105	13	75	16	65	16	55	16	45	16	85	22	22
18	65	16	95	17	105	17	105	17	11	17	105	17	75	17	85	17	95	16	12	23	23
19	105	17	95	18	105	19	95	19	55	20	65	20	85	20	85	20	85	19	65	24	24
17	95	19	105	18	85	20	65	20	55	20	65	19	45	19	4	18	4	18	4	25	25
22	105	23	85	24	85	25	85	23	45	25	75	22	45	23	55	23	45	23	4	26	26
25	85	24	95	24	85	24	65	24	75	24	75	23	4	23	45	21	55	21	55	27	27
23	105	24	105	23	105	24	65	23	65	23	75	22	65	21	75	20	85	20	11	28	28
22	14	21	13	21	12	21	11	21	11	20	11	21	105	21	11	21	85	20	11	29	29
19	95	19	85	19	75	18	4	17	45	17	55	17	65	20	75	20	55	20	65	30	30
1	45	32	4	31	4	30	4	30	45	30	4	28	45	29	3	29	3	25	3	31	31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT		DAYS	
8	362	363	366	364	375	385	377	383	382	403	416	395	346	378	400	390	379	355	395	373	369	349		1
9	352	353	335	314	340	343	320	341	332	357	338	323	363	396	361	350	338	332	309	313	312	331		2
4	307	304	302	320	326	333	324	347	347	336	348	344	329	333	319	327	317	358	331	317	310	307		3
9	294	287	287	300	305	312	309	307	312	313	320	305	320	322	342	347	359	341	342	320	305	293		4
5	271	266	275	283	298	328	316	323	320	283	335	319	318	334	346	345	334	320	326	325	291	292		5
3	264	261	259	283	327	340	330	313	344	341	343	332	317	325	341	334	313	307	331	299	308	304		6
23	291	296	302	309	322	323	312	336	355	325	331	335	330	303	348	321	315	300	310	325	323	321		7
35	315	317	312	324	341	337	341	370	367	380	377	386	400	378	383	400	393	383	385	371	369	380		8
36	401	399	408	406	413	423	411	425	428	441	457	460	466	472	476	466	466	464	470	463	468	467		9
45	459	449	450	442	446	453	471	469	479	492	496	494	517	445	441	422	417	385	352	363	337	342		10
38	343	350	337	348	366	364	362	348	363	367	374	359	339	363	357	346	347	342	357	345	335	345		11
30	342	340	349	344	353	351	359	358	349	355	370	391	385	399	396	395	411	415	424	415	416	404		12
30	380	384	397	396	400	409	396	418	428	438	433	452	457	469	465	475	464	469	468	457	451	446		13
48	428	432	413	412	403	405	402	417	423	420	412	422	434	444	432	431	436	435	441	430	412	429		14
41	402	399	404	404	409	406	411	415	437	446	473	468	473	475	472	470	457	455	451	449	436	434		15
40	422	413	410	397	409	399	422	414	406	405	415	390	403	395	422	427	421	420	428	428	421	424		16
23	410	405	395	398	409	408	412	421	419	405	400	391	392	374	382	383	376	379	361	361	353	355		17
23	348	329	325	313	342	355	343	360	341	340	359	357	376	366	396	383	389	389	397	379	369	374		18
21	403	403	416	421	421	430	405	423	434	466	486	452	453	404	365	326	331	337	316	296	294	289		19
2	277	281	273	285	307	311	313	335	326	308	325	362	382	341	328	368	366	382	366	338	339	336		20
1	352	371	392	408	428	438	442	444	449	455	446	463	447	462	466	465	448	441	449	445	447	441		21
2	460	461	447	447	423	382	367	360	352	382	357	395	404	408	414	402	415	431	422	423	379	379		22
1	370	376	367	377	378	403	409	429	421	404	439	392	419	384	376	367	357	345	349	348	347	340		23
1	335	327	333	336	342	356	341	350	356	363	382	371	361	360	365	371	388	378	352	348	350	351		24
2	344	341	341	335	347	365	352	373	370	376	393	398	378	420	402	387	402	376	368	359	341	337		25
1	326	334	353	370	396	403	399	439	400	387	384	389	401	382	402	379	384	381	379	381	383	374		26
7	376	361	351	358	382	393	385	382	399	389	382	378	370	367	393	364	368	361	367	369	366	363		27
7	387	393	397	394	395	427	471	486	499	514	507	518	500	509	503	499	512	514	509	510	520	503		28
2	517	517	510	488	485	482	495	496	507	507	527	521	532	521	532	517	518	507	517	490	495	478		29
4	462	440	428	433	436	447	473	477	509	487	466	477	470	477	501	509	510	499	485	503	476	463		30
4	458	460	460	462	473	479	483	499	505	503	465	446	433	408	417	398	354	370	345	324	318	316		31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.823	29.814	29.801	29.795	29.783	29.781	29.776	29.772	29.768	29.769	29.750	29.729	29.7
2	.655	.645	.639	.631	.633	.623	.628	.625	.623	.617	.621	.622	.6
3	.604	.597	.584	.583	.577	.575	.578	.575	.579	.584	.578	.574	.5
4	.601	.602	.606	.612	.618	.632	.634	.650	.658	.652	.653	.659	.6
5	.661	.656	.648	.645	.645	.650	.650	.644	.636	.640	.632	.630	.6
6	.634	.632	.631	.634	.637	.646	.664	.674	.682	.690	.691	.702	.6
7	.824	.827	.823	.829	.841	.858	.867	.880	.887	.892	.889	.884	.8
8	.935	.936	.925	.921	.921	.931	.931	.935	.935	.940	.939	.935	.9
9	.859	.847	.835	.819	.803	.801	.800	.806	.805	.811	.813	.820	.8
10	.806	.787	.763	.755	.740	.731	.713	.717	.693	.681	.658	.646	.6
11	.678	.668	.656	.651	.662	.682	.685	.702	.703	.719	.716	.728	.7
12	.752	.746	.736	.730	.732	.726	.714	.708	.684	.673	.670	.669	.6
13	.536	.521	.510	.498	.497	.488	.477	.467	.457	.450	.442	.438	.4
14	.285	.274	.263	.254	.246	.245	.248	.242	.2935	.2922	.29219	.29212	.292
15	29.076	29.063	29.043	29.035	29.026	29.024	29.018	29.011	28.994	28.980	28.966	28.959	28.9
16	28.943	28.946	28.958	28.953	28.949	28.949	28.956	28.973	28.994	29.010	29.032	29.050	29.0
17	29.184	29.188	29.184	29.183	29.203	29.208	29.214	29.224	29.238	.236	.243	.261	.2
18	.410	.416	.431	.440	.449	.458	.479	.495	.516	.523	.530	.532	.5
19	.598	.587	.587	.584	.567	.563	.559	.543	.526	.514	.491	.475	.4
20	.471	.489	.497	.510	.511	.523	.518	.530	.529	.544	.554	.578	.5
21	.591	.579	.564	.542	.518	.502	.492	.484	.481	.477	.479	.479	.4
22	.394	.376	.356	.342	.331	.322	.314	.312	.313	.318	.307	.330	.3
23	.255	.245	.239	.239	.238	.244	.229	.216	.206	.192	.170	.144	.0
24	.082	.078	.078	.076	.079	.086	.096	.108	.120	.133	.130	.139	.1
25	.298	.321	.335	.353	.369	.387	.397	.430	.440	.462	.474	.490	.5
26	.529	.528	.524	.531	.537	.558	.580	.573	.582	.598	.609	.617	.6
27	.763	.767	.769	.766	.777	.791	.793	.809	.806	.813	.815	.831	.8
28	.857	.844	.831	.829	.823	.811	.811	.809	.795	.796	.796	.786	.7
29	.798	.779	.761	.745	.749	.760	.770	.776	.830	.836	.841	.847	.8
30	.910	.906	.895	.890	.884	.889	.892	.895	.898	.906	.908	.910	.9
31	29.782	29.768	29.753	29.742	29.728	29.734	29.726	29.716	29.699	29.688	29.683	29.674	29.6

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT
1	52.0	52.1	52.0	51.9	52.0	52.8	54.0	54.0	55.2	55.9	59.0	60.0	62.8	61.8	58.9	61.0	62.4	56.9	55.9	55.1	53.8	53.0	51.6	51.6
2	51.0	50.2	50.0	49.0	49.8	50.7	52.3	51.0	53.7	52.7	56.6	54.7	56.4	58.2	58.7	57.9	58.9	55.8	55.2	53.1	51.6	50.2	50.4	49.4
3	48.1	48.5	48.2	48.3	49.7	50.0	50.8	52.2	52.0	49.4	53.4	51.3	57.0	53.6	58.1	57.0	56.8	55.5	52.2	49.5	50.0	49.6	49.2	48.9
4	48.2	47.5	47.0	47.2	49.3	50.0	54.5	53.0	50.8	54.2	54.3	56.1	57.0	57.3	56.2	58.0	58.0	57.0	57.2	53.2	51.3	51.3	51.4	49.9
5	49.0	49.0	49.0	47.8	46.7	48.7	51.2	53.0	56.8	53.7	59.2	56.0	59.5	58.7	55.8	55.0	53.1	52.0	51.9	51.0	49.8	48.5	48.1	47.1
6	46.3	46.5	46.9	47.0	47.4	48.6	50.9	53.1	57.0	56.5	57.0	57.0	56.9	56.9	55.2	55.9	55.6	51.2	51.0	51.0	51.0	49.5	49.0	48.0
7	47.4	47.2	46.5	46.2	47.2	48.6	52.4	53.0	54.1	56.6	57.7	58.4	57.2	54.0	53.0	60.8	62.0	59.0	57.0	54.2	51.0	48.7	48.0	47.2
8	46.0	46.7	47.4	48.9	49.2	49.9	51.7	51.8	52.2	51.9	53.4	54.9	56.2	57.5	57.5	57.0	57.0	54.8	54.2	53.8	53.0	52.3	52.3	52.1
9	52.5	52.7	52.9	53.1	53.5	53.3	54.4	55.6	56.9	57.2	57.1	56.9	57.5	58.1	58.2	58.3	58.0	57.9	57.4	56.9	56.8	56.8	57.1	56.7
10	57.1	57.3	57.5	58.0	58.4	58.3	58.4	59.2	60.0	62.0	61.0	59.4	58.7	58.5	57.5	57.0	58.0	57.8	56.5	54.7	53.8	53.2	52.1	52.8
11	51.8	51.9	51.7	51.0	51.6	52.3	53.2	52.9	55.7	54.0	56.0	53.9	58.0	58.8	55.1	57.5	57.0	55.2	54.0	52.6	52.3	50.3	50.7	50.6
12	50.3	50.1	50.4	50.8	51.2	51.9	52.9	52.0	56.4	57.2	57.5	56.2	56.9	56.7	56.7	56.8	57.0	56.4	57.0	56.8	55.0	54.5	54.4	54.2
13	54.2	54.0	54.2	53.7	53.3	53.7	54.7	53.9	56.0	56.1	56.7	56.2	55.0	56.0	56.3	56.5	57.0	56.7	56.2	55.8	55.3	55.4	55.7	55.6
14	53.9	55.9	55.8	55.8	55.8	56.0	56.7	57.5	60.2	60.9	62.2	60.6	62.7	63.9	65.2	62.5	62.6	62.4	57.0	57.4	58.4	57.5	57.0	56.4
15	56.7	56.3	55.9	55.8	56.0	56.2	57.0	57.7	58.1	58.1	58.7	58.7	59.4	59.0	58.7	58.2	57.4	57.0	56.8	56.5	56.1	56.1	55.9	55.5
16	54.9	54.9	54.7	54.4	54.0	53.2	53.6	53.7	54.4	55.0	56.0	57.2	56.1	56.8	57.0	56.8	57.2	57.2	57.9	56.9	55.8	55.5	55.3	55.0
17	55.5	55.7	55.0	54.2	54.9	54.7	56.6	58.4	59.7	60.8	60.3	60.9	60.4	63.5	63.9	62.8	61.1	59.8	58.0	57.0	55.5	54.9	54.9	53.8
18	53.7	53.1	53.8	53.0	50.4	51.5	53.5	54.5	55.8	56.9	57.6	61.8	62.3	61.0	60.8	60.2	62.1	62.0	60.4	58.4	56.0	54.3	53.8	53.9
19	52.2	50.2	50.8	50.5	51.0	53.7	53.9	55.1	59.2	60.9	61.9	62.2	61.2	59.1	57.0	57.0	56.9	54.5	52.0	52.0	49.3	48.5	48.3	47.8
20	40.3	48.0	47.4	47.2	47.0	48.9	52.0	53.5	57.0	54.2	58.7	54.1	57.7	57.4	59.7	58.5	59.6	57.3	56.9	56.2	53.3	52.0	52.5	52.8
21	52.2	52.2	52.3	51.8	51.7	52.5	53.5	54.7	55.6	56.8	58.2	60.0	60.0	60.9	60.3	61.0	60.7	61.0	59.4	58.9	57.4	57.9	58.1	58.1
22	57.8	57.9	57.4	57.1	57.1	57.9	58.2	58.4	58.9	58.8	60.7	61.0	60.6	61.1	60.6	61.5	60.8	61.7	59.8	59.0	57.9	57.3	55.3	56.0
23	56.9	56.2	54.7	54.7	52.5	56.5	58.0	58.4	59.5	59.3	59.1	57.5	57.0	56.7	58.9	63.4	62.8	59.8	58.0	57.8	56.4	55.8	55.7	55.5
24	54.4	54.4	54.0	53.6	53.6	53.6	56.4	56.2	54.9	56.8	59.2	60.2	60.1	60.3	61.1	55.7	57.5	57.2	53.7	52.6	52.0	51.7	52.1	52.9
25	53.2	53.0	51.5	51.9	52.7	52.7	54.2	53.0	56.0	57.3	57.1	57.4	57.7	59.0	62.1	59.9	59.2	56.1	56.4	56.4	55.7	54.5	54.5	55.0
26	55.1	54.9	54.8	54.5	54.2	54.6	56.2	57.2	57.5	56.7	58.0	60.8	58.3	58.3	58.4	56.0	56.2	55.1	53.4	54.2	53.0	53.1	53.0	53.2
27	53.1	53.0	52.9	52.6	52.5	52.8	54.6	54.5	57.7	57.3	60.4	56.7	59.0	61.4	58.9	58.6	56.6	57.1	54.6	54.2	53.7	52.1	52.3	52.2
28	52.5	52.6	52.3	52.7	52.6	53.2	53.3	53.7	54.7	56.6	56.9	57.3	57.4	57.5	58.4	59.0	60.0	58.3	58.6	58.1	57.2	57.1	57.2	57.8
29	58.0	58.3	60.0	59.5	59.0	59.1	59.2	60.1	59.6	59.5	60.0	61.1	60.9	62.0	65.2	62.0	60.8	60.0	59.1	58.3	57.7	57.1	57.0	57.0
30	57.1	56.9	56.8	57.3	57.7	58.1	59.7	62.6	64.5	62.0	63.8	64.7	63.6	63.1	60.3	61.4	62.0	62.0	62.1	61.4	59.8	59.4	59.0	58.4
31	58.5	58.6	57.7	57.4	57.8	57.8	58.2	58.1	59.3	59.9	59.9	59.1	57.9	57.0	60.4	61.2	59.8	62.5	57.1	54.7	52.6	52.0	49.7	49.1

HOURLY VALUES July 1877.

CISTERN 184 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
701	29.699	29.680	29.670	29.673	29.669	29.663	29.662	29.669	29.665	29.662	1
616	.609	.607	.602	.607	.603	.608	.609	.615	.609	.613	2
574	.567	.568	.571	.569	.576	.586	.587	.596	.602	.609	3
656	.652	.650	.652	.664	.670	.674	.676	.682	.680	.670	4
620	.610	.612	.609	.618	.623	.632	.631	.642	.634	.637	5
704	.707	.725	.741	.769	.773	.787	.805	.813	.813	.823	6
892	.896	.889	.894	.904	.907	.919	.927	.936	.934	.935	7
929	.925	.929	.925	.924	.927	.923	.921	.909	.903	.883	8
823	.825	.818	.821	.825	.827	.831	.833	.833	.828	.817	9
641	.640	.643	.634	.670	.657	.670	.658	.680	.680	.670	10
743	.745	.746	.744	.754	.754	.763	.765	.777	.764	.756	11
660	.646	.634	.622	.613	.598	.590	.588	.577	.557	.546	12
430	.412	.398	.384	.374	.365	.351	.342	.322	.311	.300	13
198	29.191	29.180	29.161	29.155	29.153	29.145	29.133	29.129	29.111	29.095	14
928	28.919	28.904	28.896	28.892	28.905	28.913	28.923	28.933	28.940	28.943	15
067	29.072	29.081	29.086	29.098	29.106	29.121	29.142	29.164	29.177	29.183	16
269	.274	.283	.290	.303	.325	.335	.359	.378	.389	.397	17
550	.557	.561	.567	.576	.574	.576	.588	.609	.613	.602	18
438	.414	.387	.380	.393	.416	.435	.451	.470	.480	.480	19
588	.587	.591	.595	.610	.614	.617	.627	.624	.616	.611	20
481	.479	.472	.470	.470	.470	.456	.453	.448	.434	.420	21
345	.336	.323	.316	.309	.292	.287	.288	.284	.275	.271	22
048	.030	.28.996	.004	.035	.066	.068	.084	.080	.084	.084	23
169	.175	29.198	.220	.247	.243	.249	.264	.281	.281	.287	24
519	.511	.508	.510	.523	.523	.530	.534	.538	.536	.533	25
647	.653	.673	.688	.695	.707	.725	.733	.747	.759	.762	26
830	.842	.847	.851	.844	.844	.851	.855	.863	.863	.861	27
783	.782	.788	.790	.797	.800	.822	.830	.824	.820	.819	28
857	.858	.868	.876	.892	.896	.906	.919	.900	.912	.915	29
903	.898	.888	.887	.881	.850	.852	.843	.824	.797	.796	30
675	29.672	29.661	29.660	29.659	29.660	29.663	29.663	29.677	29.683	29.683	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
512	510	509	514	513	520	517	528	525	537	530	541	531	530	550	558	530	515	512	522	504	496	491	1
481	488	473	483	490	498	492	500	480	503	495	503	512	506	500	507	490	493	484	480	478	473	480	2
469	461	461	472	477	480	487	498	472	517	483	510	500	521	503	500	490	486	476	478	473	472	469	3
459	457	456	469	476	499	490	480	500	492	510	505	510	497	496	500	490	496	484	476	475	480	477	4
471	477	469	457	469	484	488	501	488	510	487	512	498	502	495	497	488	486	475	476	469	460	455	5
448	450	459	463	467	480	480	498	490	490	487	501	490	490	495	505	488	489	487	488	478	478	470	6
459	451	448	453	459	478	479	487	492	508	508	500	499	498	520	530	507	508	491	480	469	460	454	7
448	459	468	472	478	490	489	500	501	509	515	515	531	520	512	518	531	521	518	513	513	512	510	8
518	520	523	528	531	533	547	555	558	559	559	563	568	568	568	568	565	561	560	559	559	562	560	9
567	569	570	572	573	576	577	579	590	581	580	579	576	564	567	549	545	528	512	502	501	489	492	10
489	488	485	490	502	504	501	508	508	523	498	522	518	509	519	518	512	507	491	492	489	487	486	11
484	486	488	490	494	502	495	521	523	522	518	529	529	525	524	525	523	531	526	520	520	520	518	12
517	515	519	520	519	524	537	540	545	553	546	541	550	548	551	558	558	554	550	548	548	548	550	13
553	555	553	554	557	561	566	582	582	588	595	605	604	610	598	598	597	583	562	575	567	562	561	14
553	551	552	556	556	562	568	570	565	573	577	579	578	571	568	565	559	559	556	551	550	548	539	15
530	526	522	520	522	528	529	533	538	544	547	547	553	557	555	554	552	559	550	543	541	539	537	16
532	532	522	529	528	538	550	557	557	561	562	577	577	589	580	578	569	555	545	537	530	523	518	17
513	519	510	494	500	512	519	532	538	539	560	568	561	557	552	561	553	550	543	532	522	518	517	18
491	494	495	500	511	515	517	542	541	550	556	552	537	550	557	559	532	503	493	472	461	462	460	19
466	460	459	450	467	492	499	522	495	511	490	517	514	523	518	522	512	507	505	508	497	502	502	20
498	500	501	508	513	525	537	549	558	564	580	580	587	587	582	587	583	572	569	562	563	563	563	21
562	562	561	562	565	569	573	579	569	579	551	567	545	547	554	551	562	559	555	546	546	536	542	22
543	532	531	533	540	545	544	550	549	555	554	553	552	572	596	592	567	551	553	536	532	526	523	23
518	515	512	512	512	532	520	515	521	531	532	532	540	544	533	532	531	519	508	500	500	503	512	24
511	501	503	508	508	511	512	526	533	525	529	528	529	550	544	547	541	543	543	541	533	536	536	25
536	535	533	530	533	539	540	545	532	530	549	522	532	536	528	523	526	520	519	516	515	511	514	26
508	507	507	507	508	516	514	531	521	551	535	540	553	540	533	532	524	515	513	511	511	508	505	27
510	512	512	517	527	528	522	528	530	540	541	547	550	556	564	576	567	567	563	558	555	559	564	28
576	592	585	574	571	574	574	574	573	579	585	584	597	610	580	582	578	573	567	564	560	559	554	29
556	560	563	569	573	576	570	573	580	598	594	596	597	590	594	597	590	587	582	580	576	567	565	30
571	565	562	566	566	571	571	580	582	580	570	560	560	552	559	526	515	498	480	481	475	470	470	31

Meteorological Office,
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	
1	20	105	19	75	19	65	19	65	19	85	18	105	19	12	20	16	20	15	20	105	20	16	18	16	20
2	21	14	22	12	20	13	21	11	20	12	21	15	20	16	20	17	21	15	22	20	21	21	21	22	22
3	22	105	20	11	21	17	21	14	20	15	20	18	20	17	20	23	21	19	26	13	22	14	24	18	23
4	22	105	23	13	23	12	22	13	22	12	22	13	23	13	22	16	25	11	23	105	23	17	20	17	23
5	21	3	21	3	21	45	21	4	21	55	21	2	20	3	23	55	23	65	21	85	23	14	23	105	20
6	5	2	6	3	6	2	6	3	6	2	6	2	6	3	6	45	6	65	3	45	27	95	29	95	23
7	19	4	19	55	25	55	25	4	25	75	25	105	24	85	27	95	27	95	25	13	25	16	26	16	30
8	23	55	23	55	23	45	23	75	23	75	23	85	23	85	24	95	23	11	24	11	23	14	22	15	23
9	20	21	20	18	20	22	20	22	21	22	20	19	20	18	21	21	22	21	21	19	22	22	22	16	22
10	21	15	20	16	20	21	20	23	20	20	19	19	20	26	20	25	19	22	20	30	19	35	20	30	19
11	21	22	22	27	21	27	22	28	22	19	22	19	22	19	23	17	23	20	23	20	23	19	24	22	23
12	24	45	24	75	21	95	20	11	20	95	20	12	21	105	25	11	21	105	22	12	20	14	21	14	19
13	23	2	23	2	18	75	18	55	18	4	18	4	18	3	18	2	17	65	15	75	14	65	17	95	18
14	6	2	6	3	6	3	6	3	6	2	6	45	18	4	18	45	18	55	19	4	20	3	20	55	22
15	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	5	20	5	20	4	21	5	21	5	23	4	22	5	21	5	19	5	19	5	17	6	16	5	15	5
17	5	13	4	15	4	13	5	14	5	65	5	4	5	65	5	4	5	45	5	4	5	55	5	55	27
18	25	14	25	12	26	11	22	11	23	105	24	105	24	12	26	14	25	12	25	105	25	11	25	11	25
19	20	65	20	2	20	2	20	2	20	2	20	2	20	3	15	45	14	65	15	75	15	15	16	85	16
20	22	55	23	55	24	85	22	105	23	65	25	95	22	12	23	17	23	23	26	19	22	24	22	21	24
21	18	85	17	105	17	85	17	105	15	11	17	11	17	14	17	17	18	17	18	19	19	24	19	20	19
22	16	05	15	11	16	12	16	11	16	85	15	105	16	105	16	105	17	13	17	15	17	16	20	18	19
23	14	75	15	95	15	105	16	95	14	55	14	85	14	75	14	95	15	105	12	13	9	105	7	11	5
24	14	12	15	12	14	85	16	105	15	45	16	75	18	13	17	18	19	14	20	19	19	26	19	24	20
25	15	20	16	18	15	18	12	18	14	19	16	20	20	20	18	19	23	19	21	19	23	18	24	19	2
26	19	65	19	55	19	55	19	55	19	75	19	75	19	105	20	13	20	14	22	22	22	30	23	24	21
27	21	15	22	16	22	17	21	14	22	14	23	14	22	18	23	16	22	21	24	15	22	22	19	18	24
28	22	95	22	105	22	95	21	11	21	13	21	13	21	95	20	13	20	11	20	12	20	105	18	65	21
29	17	75	19	12	22	26	24	31	23	38	24	33	24	30	24	24	23	21	23	24	22	18	21	20	23
30	21	12	21	65	20	11	21	105	21	19	21	23	21	21	20	16	22	16	20	17	20	16	20	21	20
31	21	75	22	95	18	105	20	13	20	11	19	105	20	85	20	11	19	14	20	15	21	19	21	13	24

RAINFALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 180 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WIND
1	020	006	004																					
2			009	011	009	001		003	003	008														014
3										009	051	024	007	001						070			001	001
4	001	002			003					001														
5																005	041	023	001					
6			001	001										003	007	010	007	035	028		012	008		
7													002	036	043	001				001	001		001	001
8			001	001	001					003											004	028	023	030
9	017	030	016	032	008	001	001							002		003			004	001				
10												006	006	010	018		003	002	001					
11						004				038														
12																								
13				003	001	001	013				008	022	022	035	030	019	015	034	038	015	005	003	009	006
14	011	007	006	024	071	015				005		088	007			003		003	154	014	005	018	033	009
15	003	005	025	016	013	010		040	041	009				015	035					009	002			
16	001	001	005	001		015	026	020	019	012			019	001	030	020	002							
17																								
18																								
19																002	025	085	068	036	002			
20		002																						
21				007	028	030	055	028	001			002	006	001	001	002	006	001			014			
22	005	001		019	027		016	021	006														011	001
23	002	004	001	001							002	067	009	036	046		020							
24																	005	040	020					005
25	001	002						006	002								002	018			008			
26										024	003										008			
27					002																			
28		002	001	002									002		002		002		003			002	002	002
29	004	013				004																003		
30		005	008	001	008												001	002	002		001			
31														030	053									

HOURLY VALUES

July 1877.

AND VELOCITY IN MILES PER HOUR

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
V	D	V	D	V	D	V	D	V	D	V	
23	19	20	20	18	20	18	20	20	22	19	1
25	23	24	22	24	23	21	23	16	22	20	2
27	23	21	26	20	22	20	23	19	25	12	3
19	25	15	25	17	25	12	23	13	24	10.5	4
11	27	10.5	24	8.5	20	4.5	16	10.5	7	10.5	5
7.5	32	9.5	31	9.5	10	6.5	12	10.5	15	6.5	6
8.5	5	9.5	25	16	25	19	26	17	25	18	7
18	24	17	23	15	23	15	21	14	23	15	8
14	22	15	21	16	22	13	23	13	22	14	9
28	22	22	22	29	22	29	22	23	21	30	10
18	26	16	22	20	22	20	22	17	22	14	11
10.5	20	11	20	12	21	13	21	8.5	23	10.5	12
4.5	15	4	18	4.5	18	4	17	4	10	4.5	13
8.5	24	4.5	18	4	4	6.5	...	...	...	...	14
24	5	29	4	24	4	22	5	22	4	24	15
21	5	21	5	22	5	20	5	22	5	20	16
7.5	24	10.5	26	11	25	14	26	15	25	12	17
15	23	15	26	14	26	14	26	12	24	12	18
17	15	10.5	17	9.5	21	14	24	14	24	16	19
20	23	20	23	25	23	23	22	20	21	15	20
19	18	17	18	21	17	17	17	19	17	15	21
19	18	15	18	15	17	16	14	9.5	16	8.5	22
15	9	17	14	17	15	27	19	15	19	11	23
26	19	29	20	20	18	14	18	15	18	15	24
21	20	21	19	24	20	20	19	13	18	13	25
27	22	24	23	22	21	21	21	21	22	18	26
21	23	19	22	18	24	18	25	16	24	15	27
7.5	20	12	20	10.5	22	13	22	18	22	17	28
18	24	22	24	16	21	13	20	15	21	14	29
16	21	15	21	17	20	13	22	14	23	20	30
13	22	15	26	16	26	15	25	16	25	17	31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
365	361	359	364	358	360	352	368	354	347	321	318	305	331	358	363	352	330	329	317	325	330	318	1
310	329	305	320	326	326	328	314	280	294	293	297	298	282	276	282	275	286	285	292	302	289	317	2
302	285	284	295	302	301	301	330	298	360	302	304	315	319	289	285	277	299	306	304	298	301	297	3
290	291	286	292	300	304	299	301	308	290	316	294	302	287	267	275	263	273	284	287	285	294	303	4
300	315	310	295	299	306	295	287	287	285	268	287	293	301	291	314	305	302	288	302	302	284	286	5
277	276	296	300	295	300	276	279	269	263	257	286	264	279	286	309	315	321	316	318	311	317	309	6
293	283	281	280	278	279	275	281	271	294	288	281	308	317	291	301	281	300	288	299	299	285	282	7
275	291	295	301	305	314	311	332	339	340	338	326	330	323	309	322	381	361	358	355	365	362	360	8
373	375	382	390	392	394	416	421	425	430	432	437	444	442	440	445	437	432	435	434	439	439	439	9
452	455	451	451	455	464	455	450	455	447	461	469	463	444	442	439	382	353	333	317	322	307	306	10
309	309	311	315	336	330	326	315	329	348	307	323	337	322	321	322	328	322	306	312	329	319	317	11
318	320	320	320	321	328	323	337	332	328	332	350	353	343	340	339	342	354	355	349	355	356	353	12
352	345	361	370	361	363	384	391	404	418	405	406	419	409	415	428	433	428	422	423	421	417	425	13
429	437	431	434	440	442	446	456	446	447	493	494	474	475	475	473	473	414	435	461	449	440	438	14
424	423	428	437	434	440	449	450	447	450	463	458	461	444	442	437	431	434	430	421	418	414	394	15
376	369	361	360	377	388	390	391	397	402	395	410	417	425	423	414	409	419	406	402	400	396	395	16
373	381	364	373	374	378	388	391	378	394	389	431	401	429	417	432	423	407	391	389	376	358	358	17
354	360	347	334	342	346	352	372	373	369	374	390	386	378	372	374	367	365	370	370	362	358	353	18
335	335	342	348	341	348	341	357	337	348	360	361	346	405	425	432	388	343	318	299	283	287	288	19
299	293	293	275	292	315	314	332	297	292	287	314	310	309	309	307	306	299	312	328	328	334	330	20
327	331	341	360	362	382	399	422	431	430	453	453	462	471	445	465	448	437	434	435	431	429	429	21
428	435	436	439	437	445	454	465	436	440	361	407	345	355	363	363	380	394	394	384	391	389	397	22
396	385	382	381	384	380	372	375	374	393	411	414	415	443	457	462	417	396	404	375	372	358	353	23
351	347	344	344	344	364	345	338	332	335	324	325	341	343	376	352	354	361	348	335	339	342	353	24
360	345	344	346	346	335	352	355	356	338	345	365	328	346	355	370	393	393	393	398	390	399	392	25
393	392	390	385	389	385	375	386	360	342	358	320	343	352	360	345	364	345	355	363	360	350	355	26
342	341	345	347	345	343	332	348	326	368	368	354	362	355	342	362	336	341	340	341	363	352	346	27
353	362	356	372	363	378	370	374	380	378	377	392	399	404	419	441	437	433	429	425	419	428	436	28
465	492	477	448	438	445	434	440	439	440	454	452	478	475	444	448	447	444	437	467	433	431	417	29
423	437	439	452	459	445	448	434	427	458	448	454	464	480	494	478	456	446	440	456	449	427	430	30
445	440	435	442	442	451	453	463	460	460	466	452	434	390	363	344	307	315	300	281	289	302	297	31

Meteorological Office,

116, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.881	29.874	29.868	29.866	29.856	29.852	29.844	29.844	29.832	29.821	29.797	29.774	29.7
2	.716	.707	.697	.689	.689	.692	.689	.684	.674	.667	.660	.648	.
3	.651	.636	.629	.628	.628	.633	.628	.627	.619	.613	.605	.691	.
4	.645	.648	.645	.651	.655	.662	.678	.689	.693	.702	.704	.710	.
5	.778	.778	.774	.768	.771	.769	.771	.776	.779	.783	.785	.784	.
6	.763	.761	.755	.755	.757	.767	.774	.780	.787	.792	.801	.798	.
7	29.870	29.866	29.859	29.867	29.876	29.892	29.902	29.912	29.927	29.938	.948	.949	.
8	30.025	30.020	30.010	30.004	30.007	30.009	30.007	30.005	30.002	30.000	.994	.993	.
9	29.894	29.870	29.854	29.837	29.822	29.821	29.820	29.829	29.836	29.841	.841	.851	.
10	.858	.847	.827	.797	.781	.772	.758	.731	.694	.677	.658	.651	.
11	.683	.683	.682	.680	.690	.701	.706	.713	.709	.716	.723	.734	.
12	.806	.804	.794	.792	.796	.796	.791	.780	.769	.749	.740	.737	.
13	.622	.610	.597	.592	.580	.575	.568	.556	.550	.540	.535	.532	.
14	.458	.439	.420	.407	.390	.381	.374	.370	.362	.358	.362	.360	.
15	.308	.295	.290	.285	.273	.270	.270	.267	.260	.250	.238	.232	.
16	.243	.218	.224	.227	.241	.254	.265	.285	.302	.310	.330	.337	.
17	.373	.366	.356	.352	.346	.348	.356	.359	.367	.369	.374	.378	.
18	.431	.442	.459	.474	.489	.506	.522	.527	.546	.567	.584	.594	.
19	.	.	.	.	*	.	.	.	.	.644	.637	.615	.
20	.508	.522	.527	.538	.545	.545	.553	.555	.568	.578	.584	.588	.
21	.686	.676	.671	.662	.647	.642	.629	.624	.609	.597	.596	.588	.
22	.537	.527	.504	.490	.488	.481	.470	.467	.456	.454	.447	.437	.
23	.407	.394	.381	.381	.382	.383	.383	.382	.374	.363	.354	.344	.
24	.287	.228	.219	.214	.209	.213	.221	.221	.224	.232	.238	.248	.
25	.382	.396	.411	.422	.438	.456	.456	.472	.492	.499	.510	.524	.
26	.624	.623	.620	.624	.630	.632	.643	.638	.632	.632	.632	.629	.
27	.798	.805	.808	.813	.817	.829	.838	.841	.844	.849	.853	.859	.
28	.868	.869	.870	.868	.867	.875	.875	.872	.871	.869	.868	.865	.
29	.782	.753	.730	.741	.757	.776	.792	.816	.837	.834	.858	.865	.
30	.935	.938	.930	.933	.926	.932	.932	.919	.912	.898	.894	.889	.
31	29.820	29.803	29.792	29.807	29.806	29.814	29.818	29.829	29.819	29.811	29.797	29.806	29.7

DRY BULB THERMOMETER 41 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	51.6	50.2	49.7	50.0	52.6	53.3	53.8	53.4	54.8	57.6	69.8	61.5	61.6	63.5	64.5	65.8	63.3	62.7	61.2	59.3	56.9	54.7	52.8	50.4
2	50.2	48.6	48.0	48.4	51.7	54.5	56.4	58.0	58.7	59.0	60.6	61.5	58.1	56.7	67.1	57.8	57.2	52.9	52.4	51.8	51.2	49.9	49.7	48.6
3	48.0	49.0	48.1	47.6	51.0	51.3	55.4	56.3	57.1	58.4	59.8	58.7	55.7	53.6	54.6	57.3	53.8	54.9	54.5	53.1	52.1	50.3	49.8	48.5
4	47.3	45.7	47.0	47.3	46.3	51.6	54.8	53.8	55.3	56.5	58.9	55.7	64.9	53.1	54.3	53.7	52.6	51.3	52.2	50.4	48.8	46.7	46.0	44.8
5	43.7	42.7	43.0	43.4	44.2	45.8	48.8	50.4	51.2	51.6	49.9	50.0	51.2	50.7	51.5	51.0	51.3	51.0	51.0	50.4	50.3	50.0	49.2	48.9
6	47.7	47.5	48.0	46.4	46.6	48.4	52.6	53.6	54.0	54.3	53.8	55.6	50.8	52.2	53.0	54.2	56.0	57.7	54.3	51.4	49.7	49.0	49.4	48.8
7	48.4	48.3	48.1	48.0	48.6	49.0	50.5	51.0	52.2	53.0	54.4	54.5	55.6	54.6	55.0	55.4	55.0	54.0	54.4	53.4	50.7	48.1	47.3	45.8
8	42.7	43.4	42.8	43.4	47.5	50.9	55.1	55.2	55.1	56.4	56.3	57.0	56.1	56.8	57.5	55.3	57.2	57.3	56.4	56.0	55.3	55.2	54.7	53.6
9	53.1	52.7	52.1	52.4	52.7	53.6	55.1	58.5	61.4	59.1	63.0	60.2	59.7	57.5	57.7	58.0	57.7	58.3	56.4	56.5	55.4	54.4	52.9	52.8
10	52.5	52.8	52.8	53.5	56.1	58.4	59.3	60.3	62.3	62.8	63.2	60.0	61.3	66.4	66.7	66.4	65.5	68.5	65.6	62.6	59.1	56.6	55.4	54.9
11	54.3	52.5	52.6	51.1	52.6	53.3	56.5	57.7	58.2	59.2	60.0	60.9	62.2	60.8	60.4	60.2	59.7	58.7	58.2	57.0	55.8	54.5	53.3	52.0
12	51.6	49.0	47.2	47.1	47.6	50.3	53.1	57.2	57.0	58.0	57.8	58.9	60.2	59.3	59.6	62.0	63.4	61.4	60.2	59.5	58.3	57.9	56.9	55.2
13	55.0	53.9	51.6	51.6	52.1	53.6	55.2	58.9	59.7	61.3	62.3	62.2	61.7	61.0	58.7	58.4	59.8	58.1	56.3	56.3	55.1	54.3	54.7	54.0
14	54.3	53.2	53.0	53.3	53.0	53.3	54.3	55.2	57.5	60.8	60.2	60.9	62.1	63.6	62.9	59.7	60.0	58.3	57.5	54.9	53.6	53.9	53.7	53.7
15	54.2	54.0	53.9	53.9	53.9	53.9	54.3	54.3	54.0	54.7	55.1	55.3	55.1	54.8	54.4	54.4	54.4	54.7	54.4	54.2	54.0	53.8	53.3	53.4
16	52.7	52.3	53.4	53.0	58.8	55.0	56.0	56.5	56.7	57.1	57.0	56.5	56.1	56.8	56.7	56.6	55.8	55.9	55.4	55.4	55.4	55.2	55.3	54.6
17	51.9	53.0	53.3	53.5	54.2	55.0	54.4	54.4	54.5	55.6	57.2	57.0	57.6	57.8	57.8	56.0	56.4	56.1	56.6	56.4	56.0	55.7	55.4	55.4
18	55.3	55.3	54.9	55.1	55.2	55.3	55.0	55.8	56.7	56.7	56.9	57.4	58.7	59.9	60.5	56.8	57.0	58.5	57.6	58.0	57.0	56.4	*	*
19	...	...	...	...	*	...	...	...	...	58.0	*	59.9	*	57.9	56.9	56.0	56.9	55.9	55.6	54.7	54.5	52.1	51.9	51.9
20	51.3	50.0	48.7	47.2	47.0	51.0	52.5	54.0	55.2	56.4	58.0	57.9	60.7	60.6	62.1	61.9	61.4	61.4	58.4	55.6	55.8	52.0	50.2	49.1
21	48.7	47.2	46.1	46.7	50.2	51.5	51.2	53.3	54.6	55.0	54.7	55.1	58.5	58.4	63.0	63.3	66.0	63.4	62.8	61.6	60.7	59.1	59.4	58.5
22	58.6	56.7	56.4	55.7	55.3	56.2	57.6	59.3	60.2	60.5	61.9	61.2	61.1	61.9	60.0	61.0	61.2	61.7	60.6	58.1	57.4	57.1	56.3	55.8
23	55.4	55.3	54.7	54.4	55.1	57.6	57.7	59.0	61.0	59.4	58.3	56.3	57.2	55.0	55.4	56.9	57.7	58.6	57.7	57.3	56.6	57.6	56.4	55.8
24	55.2	54.8	54.2	53.6	53.6	54.4	53.8	58.0	59.4	60.1	60.6	61.3	62.0	63.3	64.9	56.6	59.9	62.3	58.8	57.3	55.6	54.3	53.8	52.7
25	52.0	51.5	50.7	51.3	53.0	54.5	57.1	58.0	58.9	60.7	61.6	61.1	61.9	63.9	61.7	62.3	62.4	62.6	61.1	58.5	57.4	56.4	56.2	55.8
26	54.9	54.2	52.4	52.0	54.4	54.2	55.4	57.3	59.7	60.6	63.0	63.6	65.7	54.6	63.2	62.9	64.8	63.8	61.4	59.7	57.7	56.2	56.1	53.0
27	54.8	52.6	52.0	51.2	50.5	53.0	56.7	58.1	60.5	60.5	61.0	61.0	59.0	59.0	57.9	57.3	58.6	58.9	59.1	58.6	57.0	56.1	55.2	53.5
28	52.4	53.0	53.9	53.3	54.2	54.0	54.7	55.7	57.2	58.5	60.2	61.0	62.1	61.5	61.8	62.3	59.8	60.3	59.4	59.4	58.7	57.2	56.4	56.5
29	56.5	56.9	57.4	59.2	59.3	59.0	63.1	63.2	64.9	64.1	64.9	66.4	70.6	69.7	69.0	67.0	67.4	67.6	67.7	65.0	62.6	61.7	59.4	57.6
30	58.5	58.2	55.5	55.0	53.3	56.1	58.3	61.6	61.5	64.5	65.5	69.1	69.0	70.4	69.9	69.0	68.8	67.4	66.2	65.2	62.8	59.0	59.7	59.3
31	58.2	60.0	57.6	55.3	54.5	54.2	54.7	54.4	53.8	62.9	55.6	55.8	52.8	53.1	53.7	53.6	54.0	54.1	54.6	54.0	53.3	53.2	51.6	51.2

HOURLY VALUES July 1877.

CISTERN 88 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
750	29.737	29.722	29.721	29.717	29.711	29.712	29.720	29.720	29.720	29.721	1
642	636	621	629	641	656	661	656	656	660	654	2
618	605	591	603	608	611	620	625	631	633	638	3
722	723	734	748	756	763	772	776	780	781	779	4
780	774	775	770	771	770	773	775	777	770	769	5
812	816	817	822	29.832	29.849	29.860	29.867	29.874	29.874	29.876	6
977	981	987	994	30.004	30.007	30.015	30.024	30.023	30.022	30.026	7
986	981	982	972	29.971	29.971	29.962	29.949	29.949	29.929	29.916	8
872	871	874	874	874	879	882	884	886	880	874	9
613	613	586	613	635	686	655	675	672	678	680	10
740	755	760	772	780	785	800	806	810	815	812	11
722	699	675	658	659	656	651	652	648	641	628	12
534	534	528	516	514	509	506	506	498	486	474	13
348	340	342	338	334	342	342	350	341	338	321	14
218	195	172	158	162	167	177	181	189	199	208	15
343	355	352	353	359	369	369	375	380	377	371	16
384	384	384	384	390	404	413	411	423	423	426	17
618	629	644	654	664	671	682	694	702	*	*	18
578	550	533	513	497	485	476	488	485	482	498	19
609	612	614	621	640	661	665	682	688	694	694	20
567	568	557	561	563	568	569	574	562	563	557	21
422	425	420	419	418	431	445	445	437	422	414	22
289	242	222	204	193	193	194	201	209	219	229	23
261	291	303	316	331	333	345	370	378	376	381	24
550	568	584	587	607	622	634	637	644	634	625	25
643	666	666	674	688	700	721	740	763	780	791	26
862	867	866	861	862	865	873	871	882	879	879	27
858	860	858	861	859	865	870	862	851	843	817	28
864	867	869	882	883	896	913	921	920	922	932	29
892	884	881	872	871	872	872	871	867	855	839	30
785	29.779	29.769	29.759	29.747	29.737	29.736	29.738	29.740	29.740	29.738	31

WET BULB THERMOMETER 41 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
476	472	480	503	502	510	511	517	530	539	555	547	547	567	552	537	534	526	534	511	499	488	477	1
466	461	464	487	503	506	513	510	511	531	533	536	518	521	522	515	510	504	500	494	486	481	462	2
457	455	449	470	476	498	498	508	504	515	515	501	491	496	517	496	504	500	482	480	467	463	458	3
444	443	443	442	472	496	479	480	485	504	504	501	497	510	502	503	486	487	491	476	456	447	436	4
419	423	424	429	443	468	473	486	484	470	471	470	475	480	473	480	472	476	476	477	476	476	472	5
464	466	454	453	464	486	491	491	491	495	510	484	493	506	510	503	506	494	486	477	473	472	468	6
466	465	468	471	478	486	488	492	503	498	493	496	490	488	492	491	489	490	490	473	461	454	440	7
423	416	423	453	482	500	490	493	502	504	518	521	507	515	517	523	527	533	533	524	523	518	520	8
519	514	515	518	526	538	564	567	566	591	567	563	553	552	546	543	548	534	537	530	522	514	514	9
519	521	527	547	564	576	580	594	594	594	578	582	609	606	601	577	601	563	539	511	504	501	500	10
481	483	480	484	499	514	502	498	504	519	545	520	519	540	516	525	516	517	514	507	502	494	488	11
463	452	450	448	470	489	505	505	500	500	504	530	538	544	564	571	564	555	547	543	543	538	529	12
519	501	504	508	520	533	549	562	569	574	576	572	566	567	561	558	546	539	544	540	533	536	530	13
525	526	530	530	532	541	546	562	581	580	584	602	600	595	574	573	563	559	543	534	537	536	536	14
540	538	538	538	538	543	543	546	544	547	546	544	543	542	544	544	546	544	542	540	537	532	531	15
521	530	527	533	543	548	552	554	555	557	553	548	550	550	551	549	551	547	546	547	547	549	542	16
530	533	535	540	545	542	544	543	554	560	559	561	560	564	553	557	554	560	555	553	550	547	546	17
544	543	542	542	541	543	546	552	550	554	557	562	569	573	555	555	561	558	561	555	552	*	*	18
...	...	...	*	...	...	...	...	...	558	567	567	569	560	550	548	550	545	545	542	537	510	505	19
468	455	443	438	463	477	473	491	500	496	494	520	504	516	514	512	521	516	517	501	480	476	466	20
457	448	452	478	485	496	511	524	530	529	534	556	559	590	590	604	596	592	589	585	571	574	570	21
556	555	553	550	555	562	573	576	579	586	583	583	586	568	575	576	557	548	550	544	544	548	550	22
547	544	542	542	560	554	558	563	560	567	556	560	546	552	563	568	572	564	561	551	549	547	545	23
534	527	528	521	524	521	547	557	559	561	563	567	544	577	542	546	554	541	533	521	519	508	501	24
496	461	494	511	516	531	534	530	530	540	543	543	552	537	536	548	545	542	541	539	541	538	536	25
523	507	503	524	522	526	534	552	558	558	554	551	546	545	544	556	552	537	529	524	518	526	505	26
501	496	484	478	494	525	528	535	536	535	543	557	550	552	559	560	560	561	541	518	515	509	502	27
497	502	508	507	512	512	521	533	541	550	549	560	557	573	578	569	573	571	560	555	547	546	550	28
560	561	572	582	580	593	585	588	575	577	583	604	588	590	578	572	572	580	564	547	550	539	533	29
525	517	511	507	524	542	567	573	595	604	602	602	610	613	610	606	596	598	602	595	577	583	583	30
576	566	550	537	530	531	529	527	526	528	520	515	511	519	515	509	518	526	518	511	511	504	500	31

Meteorological Office.

116, Victoria Street, Westminster, S. W.

ROBERT H. SCOTT, Secretary.

WIND																									
DIRECTION IN NUMBERS																									
8-E 24-W 16-S 32-N																									
DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D
1	20	13	18	9.5	18	9.5	18	7.5	18	5.5	18	6.5	18	9.5	18	6.5	18	10.5	17	15	18	16	16	15	18
2	19	5.5	19	4	19	7.5	19	5.5	19	7.5	19	7.5	19	8.5	19	10.5	20	13	21	12	18	14	18	14	20
3	18	3	18	11	19	10.5	20	8.5	20	9.5	20	8.5	20	12	19	10.5	20	10.5	23	9.5	19	8.5	19	12	17
4	24	6.5	24	4.5	24	11	23	10.5	22	4.5	23	8.5	22	10.5	24	12	25	13	24	11	24	5.5	11	9.5	12
5	24	5.5	24	5.5	24	8.5	25	6.5	25	6.5	25	6.5	25	7.5	25	3	25	3.1	15	8.5	15	8.5	15	5.5	11
6	10	7.5	10	6.5	10	6.5	30	10.5	30	9.5	30	9.5	30	11	32	10.5	32	11	30	13	30	11	4	11	8
7	27	15	27	17	27	16	27	16	27	18	27	17	27	15	28	16	28	20	28	21	30	22	29	17	30
8	30	7.5	30	4.5	30	4	30	4	30	2	30	4.5	24	7.5	25	9.5	25	7.5	25	7.5	25	6.5	26	6.5	28
9	20	10.5	20	10.5	19	7.5	19	11	18	10.5	18	8.5	18	5.5	18	6.5	28	12	5	7.5	8	9.5	12	12	12
10	12	3	12	3	12	3	12	4.5	17	9.5	18	13	16	12	15	13	18	17	17	15	18	18	14	16	14
11	19	12	20	9.5	18	10.5	19	11	20	10.5	18	11	16	11	22	16	22	14	23	13	24	15	24	15	23
12	24	8.5	24	4.5	24	3	24	4.5	24	8.5	24	4.5	24	5.5	24	5.5	24	7.5	15	12	14	18	14	16	14
13	24	3	24	4.5	24	5.5	24	4	24	4	24	2	24	4	24	5.5	24	4.5	18	7.5	18	7.5	15	14	16
14	16	4	16	4	16	4	12	6.5	12	4.5	12	5.5	12	4.5	12	4.5	12	4.5	12	10.5	14	12	14	11	16
15	6	7.5	7	13	8	14	8	14	8	15	8	13	8	11	8	10	8	22	7	21	8	25	7	20	7
16	8	6.5	8	4.5	8	13	9	16	9	14	9	15	9	17	9	17	9	17	9	19	9	22	10	16	11
17	6	11	6	8.5	6	7.5	6	5.5	6	5.5	6	10.5	5	11	6	9.5	5	10.5	5	11	5	14	5	12	6
18	29	15	29	15	30	13	30	15	29	13	30	11	29	11	30	12	28	16	28	15	27	13	27	14	27
19	1	6.5	1	7.5	1	4.5	1	5.5	1	3	1	4	1	5.5	1	5.5	82	7.5	30	10.5	16	18	15	17	15
20	26	9.5	26	8.5	25	14	25	12	25	11	24	16	25	18	26	19	27	20	26	20	28	21	24	19	23
21	26	3	26	3	26	4	26	4	22	6.5	17	8.5	17	8.5	18	10.5	16	11	16	14	16	16	14	12	16
22	20	4.5	20	8.5	16	14	17	12	16	12	16	14	16	16	16	15	16	18	15	16	15	20	16	18	15
23	17	4	17	5.5	17	4.5	17	5.5	17	5.5	16	13	16	9.5	16	8.5	16	10.5	16	10.5	13	10.5	13	7.5	13
24	16	5.5	16	8.5	16	8.5	16	8.5	16	6.5	18	8.5	18	8.5	16	12	16	19	16	20	16	20	15	23	15
25	16	10.5	16	10.5	18	8.5	16	9.5	16	7.5	20	9.5	17	12	19	17	19	18	18	22	19	20	19	14	19
26	18	10.5	18	7.5	18	5.5	18	6.5	18	9.5	18	5.5	18	5.5	18	9.5	19	14	20	14	21	19	20	17	24
27	21	6.5	20	5.5	20	4.5	20	7.5	20	5.5	20	4	20	4	20	4.5	20	9.5	22	7.5	25	7.5	25	4	16
28	24	9.5	24	9.5	24	6.5	24	4	24	3	24	4	24	4	24	5.5	24	6.5	24	4	20	4.5	19	6.5	19
29	19	3	19	4.5	19	6.5	19	6.5	23	3	23	3	24	12	27	15	24	18	26	23	26	13	25	12	24
30	26	4	24	5.5	21	4	21	6.5	21	5.5	21	4	21	8.5	18	8.5	20	13	19	14	19	14	22	17	21
31	21	3	21	4.5	21	4	21	7.5	2	9.5	2	7.5	2	7.5	2	9.5	4	10.5	5	9.5	6	7.5	10	5.5	10

RAINFALL												GAUGE											
DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.060	.030	.005	.	.	.040	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.020	.005	.030	.020	.005	.	.	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.070	.	.	.040	.005	.	.030	.	.	.
5	.	.	.	.005	.	.	.	.	.005	.	.	.010	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.005	.020	.005	.010	.030	.	.005	.070	.005	.005	.	.	.005	.005	.	.	.	.
7	.005	.	.	.	.	.005	.020	.005	.010	.030	.	.020	.010	.	.	.005	.	.	.010	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.
9	.020	.075	.040	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
14	.	.	.015	.030	.035	.025	.005	.	.	.	.	.	.	.	.005	.005	.	.	.	.005	.005	.	.
15	.020	.025	.005	.025	.010	.005	.	.010	.005	.040	.015	.	.015	.025	.070	.170	.040	.010	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17	.	.	.015	.025	.005	.	.	.	.	.	.	.	.	.	.	.	.010	.010	.065	.030	.085	.065	.015
18	.010	.	.040	.005	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.100	.225	.115	.025
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.005	.	.	.015	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.040	.075	.085	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005
23	.010	.005	.	.	.	.	.	.	.	.	.	.	.	.020	.240	.020	.005	.	.	.	.	.	.
24	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.140	.	.	.	.	.	.	.
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.005	.020	.	.045	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29	.005	.005	.	.005	.015	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.010	.	.	.	.	.	.	.005	.045	.015	.005	.	.	.	.	.	.	.	.

AND VELOCITY IN MILES PER HOUR

2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
V	D	V	D	V	D	V	D	V	D	V	
15	19	17	19	17	20	16	21	20	21	12	1
6.5	6	8.5	11	9.5	4	12	5	8.5	5	4.5	2
8.5	18	11	17	8.5	5	10.5	32	4.5	19	7.5	3
9.5	16	11	15	4.5	10	6.5	11	4.5	11	4.5	4
9.5	10	11	10	8.5	10	7.5	10	6.5	10	4.5	5
4.5	9	6.5	5	9.5	2	10.5	31	10.5	31	11	6
17	29	17	30	17	29	14	31	12	30	10.5	7
10.5	25	11	27	8.5	23	6.5	23	3	23	2	8
10.5	10	9.5	12	9.5	12	9.5	12	7.5	12	4.5	9
24	20	26	20	31	22	17	18	8.5	21	16	10
18	24	10.5	25	13	26	12	25	10.5	25	9.5	11
16	15	14	15	13	16	16	16	9.5	19	10.5	12
12	16	11	16	13	16	11	16	12	16	10.5	13
17	14	15	14	11	14	10.5	12	10.5	13	9.5	14
24	6	29	6	32	7	30	8	29	8	23	15
11	10	10.5	10	9.5	10	9.5	10	6.5	9	10.5	16
18	6	17	6	16	5	12	5	12	2	9.5	17
14	31	9.5	4	6.5	4	4	4	4	4	4.5	18
16	15	15	15	14	15	18	15	16	16	13	19
22	26	18	27	15	26	13	26	13	25	7.5	20
12	19	13	18	15	20	17	19	12	18	12	21
16	16	13	16	12	17	11	18	13	18	8.5	22
10.5	13	15	15	20	15	19	14	23	15	16	23
21	16	16	16	15	17	15	18	15	18	14	24
20	20	16	19	13	20	16	19	14	18	14	25
16	22	19	21	17	23	15	22	15	23	13	26
8.5	14	4.5	16	5.5	17	4.5	17	4	17	4	27
8.5	19	5.5	19	4.5	19	4.5	19	4	19	4.5	28
11	25	13	25	14	25	14	24	15	25	7.5	29
17	23	16	22	18	23	17	22	13	23	10.5	30
4.5	10	4.5	10	4.5	10	4.5	10	3	10	3	31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
300	295	309	335	323	337	345	344	346	344	366	344	326	364	317	305	304	300	337	307	302	297	298	1
293	287	291	307	313	303	303	290	289	317	313	356	326	328	325	314	348	340	338	330	325	316	284	2
270	273	266	283	287	295	287	299	279	291	301	299	294	319	317	303	312	306	280	286	277	273	277	3
270	260	257	265	274	295	267	258	259	276	306	305	314	331	319	335	309	301	333	315	293	280	269	4
257	262	259	261	279	296	289	311	301	287	288	274	291	293	283	295	281	290	296	299	300	310	304	5
302	299	292	287	291	294	294	290	288	301	320	311	316	337	332	302	290	295	308	306	305	298	296	6
296	296	304	305	305	319	318	313	330	303	291	289	283	276	282	282	267	303	295	286	286	280	267	7
257	249	257	276	305	301	279	286	294	300	322	342	300	312	339	332	341	367	373	356	355	347	366	8
375	371	369	373	383	396	426	398	423	446	412	407	408	403	383	378	376	369	376	371	366	359	361	9
374	380	387	410	427	451	449	464	458	453	467	441	457	444	433	379	411	344	316	288	296	301	303	10
284	288	298	290	316	320	281	269	273	299	288	299	283	306	289	296	298	288	287	283	291	292	280	11
283	277	274	264	283	296	292	294	275	277	276	342	346	358	383	386	390	380	367	371	376	373	370	12
358	343	350	355	366	381	378	405	404	406	413	408	399	432	418	392	382	384	398	402	393	396	388	13
386	391	398	403	405	417	418	434	456	450	452	461	466	460	439	432	426	425	413	406	410	411	411	14
418	413	413	413	413	423	423	422	420	423	417	414	415	418	424	424	426	424	421	418	412	405	400	15
387	397	394	400	412	413	418	421	419	425	423	412	408	409	416	419	423	419	416	419	421	426	415	16
403	408	411	415	418	418	424	420	437	431	431	429	430	436	428	434	430	440	428	428	423	419	416	17
411	413	408	407	402	412	411	415	409	418	420	417	421	426	423	420	417	420	424	420	419	*	*	18
...	...	...	*	...	...	...	...	415	*	416	*	422	406	413	406	406	410	414	402	360	349	326	19
282	266	256	249	261	276	254	281	290	267	265	292	262	272	271	270	288	305	337	298	287	298	288	20
288	282	284	291	305	336	346	364	375	376	385	403	412	443	439	446	457	452	459	459	438	433	444	21
427	428	432	429	431	432	441	438	443	448	446	447	445	417	425	425	368	364	392	384	387	409	422	22
420	420	418	408	426	408	402	391	402	437	432	431	421	433	444	449	448	437	433	414	402	445	408	23
389	377	374	359	366	366	385	394	391	391	388	391	321	385	389	360	354	360	356	347	352	332	329	24
332	329	329	350	345	353	352	331	314	327	340	331	334	319	311	338	330	338	364	370	388	383	383	25
366	348	343	366	364	361	358	377	383	356	341	316	315	324	329	335	335	323	322	331	332	354	335	26
330	325	306	299	308	343	336	328	330	323	346	399	380	400	427	413	408	409	362	322	328	321	321	27
315	316	331	325	339	333	346	357	364	367	356	371	371	409	417	423	428	434	402	398	395	402	412	28
435	432	439	469	467	451	427	414	389	385	385	397	366	377	367	349	348	365	352	334	350	348	354	29
328	338	327	336	349	368	395	411	440	453	406	407	414	427	429	420	409	426	450	462	458	467	473	30
444	445	429	402	385	382	380	383	366	364	363	364	349	361	353	332	354	370	385	346	347	350	345	31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON
1	29.910	29.899	29.889	29.883	29.882	29.887	29.885	29.887	29.883	29.879	29.887	29.875
2	.868	.852	.850	.849	.847	.845	.849	.859	.857	.863	.865	.861
3	.879	.874	.871	.868	.865	.873	.875	.873	.871	.871	.874	.864
4	.802	.800	.796	.796	.800	.810	.817	.824	.834	.837	.843	.839
5	.793	.784	.777	.773	.775	.775	.774	.765	.757	.753	.741	.733
6	.696	.686	.676	.677	.693	.705	29.726	29.748	29.759	29.769	29.788	29.803
7	29.951	29.955	29.957	29.963	29.975	29.993	30.007	30.025	30.031	30.038	30.049	30.051
8	30.083	30.080	30.078	30.075	30.085	30.099	.105	.110	.117	.121	.125	.125
9	.167	.163	.157	.159	.161	.169	.169	.175	.177	.185	.184	.178
10	30.120	30.110	30.091	30.076	30.079	30.081	30.084	30.081	30.080	30.076	30.071	30.065
11	29.947	29.937	29.921	29.918	29.913	29.909	29.909	29.915	29.917	29.917	29.938	29.938
12	.900	.887	.858	.850	.850	.844	.842	.828	.826	.806	.805	.793
13	.647	.631	.623	.615	.605	.601	.599	.589	.579	.577	.571	.567
14	.437	.404	.383	.353	.335	.321	.309	.303	.284	.268	.246	.224
15	.146	.146	.148	.152	.152	.160	.166	.168	.170	.170	.170	.171
16	.128	.118	.113	.106	.101	.104	.106	.110	.116	.132	.139	.158
17	.368	.382	.396	.416	.433	.462	.483	.512	.528	.546	.563	.573
18	.749	.753	.757	.767	.767	.767	.782	.780	.771	.757	.746	.720
19	.702	.702	.690	.687	.687	.692	.694	.694	.694	.696	.702	.696
20	.722	.724	.736	.756	.774	.794	.808	.826	.836	.847	.855	.853
21	.863	.843	.835	.830	.828	.830	.835	.832	.829	.815	.810	.804
22	.640	.618	.602	.588	.576	.568	.558	.544	.536	.524	.533	.529
23	.411	.379	.347	.327	.308	.291	.253	.249	.229	.231	.223	.230
24	.273	.277	.279	.293	.303	.325	.345	.371	.388	.391	.401	.418
25	.616	.637	.649	.659	.673	.694	.714	.729	.739	.747	.755	.765
26	.632	.631	.631	.637	.641	.674	.707	.747	.789	.827	.857	.883
27	29.965	29.965	29.958	29.961	29.955	29.969	29.978	29.991	29.988	29.988	29.995	29.994
28	30.044	30.042	30.036	30.036	30.037	30.036	30.044	30.044	30.047	30.037	30.036	30.041
29	.093	.097	.095	.107	.115	.129	.131	.141	.141	.151	.161	.157
30	30.133	30.124	30.109	30.103	30.103	30.107	30.109	30.108	30.104	30.101	30.101	30.089
31	29.962	29.936	29.912	29.894	29.889	29.876	29.864	29.853	29.841	29.827	29.815	29.800

DRY BULB THERMOMETER 11 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	57.7	57.5	57.4	56.9	57.1	57.8	59.3	59.2	59.9	60.0	59.6	62.4	63.1	63.9	62.9	62.2	62.1	61.1	60.0	58.7	56.7	55.2	55.3	54.5
2	54.0	55.5	55.2	55.6	56.0	57.0	59.3	60.2	62.0	63.6	64.6	65.5	66.1	65.9	65.9	65.9	63.6	61.0	60.5	58.5	57.0	55.8	55.7	56.9
3	56.0	56.0	56.4	56.3	56.8	57.9	60.6	62.0	63.0	64.5	65.4	66.1	66.8	65.9	66.7	65.3	64.8	62.9	61.6	58.8	57.2	56.3	56.0	56.3
4	56.0	56.1	55.3	55.3	54.9	56.0	57.2	57.9	59.1	59.5	59.9	62.0	63.1	63.2	61.2	61.9	62.0	61.0	58.8	58.3	56.7	55.0	53.0	51.6
5	52.0	51.1	51.4	50.9	51.5	53.4	57.0	58.5	56.1	58.0	57.1	61.4	62.9	63.6	60.7	61.1	62.4	60.7	58.9	56.3	54.4	53.1	52.0	51.6
6	52.0	50.7	50.9	50.0	50.8	52.9	57.0	57.0	57.0	58.4	58.5	58.0	58.3	59.4	60.0	57.6	59.2	58.0	57.9	55.7	54.0	52.7	52.1	51.9
7	52.0	52.1	51.5	50.6	51.4	53.0	56.7	59.1	58.9	58.7	56.2	58.7	58.9	57.7	58.3	58.9	58.0	57.6	56.9	55.5	54.3	53.7	52.8	53.6
8	52.3	52.0	51.7	52.0	52.0	54.0	59.0	58.0	60.0	60.7	62.6	61.5	63.0	61.5	61.7	60.0	60.5	59.2	58.3	56.5	54.3	54.0	54.9	54.4
9	54.8	54.5	54.9	53.9	53.6	55.7	59.2	62.0	61.3	59.5	61.3	62.0	64.9	64.3	63.9	63.7	62.0	62.7	61.1	59.1	57.0	56.6	55.9	55.1
10	54.7	54.3	54.1	54.4	54.9	56.1	60.0	62.1	62.5	64.2	66.0	66.6	67.2	66.9	66.4	66.4	64.9	64.0	61.5	59.9	57.7	56.8	55.5	55.4
11	55.8	55.8	55.9	56.8	57.5	58.5	59.8	60.7	61.9	61.0	62.1	62.3	65.0	64.0	64.0	63.0	63.4	61.8	60.7	58.8	58.3	56.0	54.4	54.3
12	53.0	53.3	53.9	54.8	55.2	55.9	59.2	61.3	60.0	60.1	61.0	61.0	64.3	64.0	62.0	61.4	61.0	61.2	60.4	58.6	57.0	55.9	55.0	54.9
13	54.2	55.7	56.0	55.8	56.4	57.2	58.7	60.9	63.0	63.0	64.8	64.0	62.8	61.4	61.5	62.9	62.9	62.7	61.7	60.9	60.8	60.7	60.8	60.7
14	60.7	60.2	60.4	60.2	59.6	59.6	59.7	59.8	60.2	60.6	62.0	59.2	59.0	59.1	58.7	58.0	58.4	57.9	57.7	56.4	56.5	55.8	56.8	57.0
15	57.0	56.7	56.7	55.7	55.6	55.9	57.4	57.7	60.0	61.0	63.7	59.2	60.9	61.7	61.8	61.1	62.8	61.0	59.3	58.0	57.7	57.1	57.1	56.4
16	56.2	56.2	56.1	56.1	56.2	56.5	56.7	57.3	58.2	58.9	59.4	59.0	59.5	59.2	59.0	58.9	59.5	59.6	58.5	58.4	58.0	58.1	58.0	57.9
17	57.9	57.7	56.8	56.7	56.3	56.3	56.7	56.8	58.9	60.0	60.5	60.9	60.0	61.0	61.6	61.5	60.5	59.4	58.2	56.9	56.0	55.5	55.0	54.8
18	54.7	54.4	54.4	54.2	53.9	54.6	57.0	56.6	57.6	56.8	56.7	57.1	62.0	63.4	62.7	61.3	61.4	61.1	60.5	59.7	59.0	59.7	59.1	58.9
19	58.8	58.3	57.4	57.1	57.5	58.0	59.1	60.7	62.0	62.9	64.3	64.0	63.7	66.1	66.3	65.0	62.0	61.1	60.2	60.2	59.6	59.0	58.3	56.9
20	56.1	55.6	55.3	53.3	52.2	53.1	57.6	58.2	60.3	60.8	61.0	62.4	63.4	63.0	63.4	61.0	62.5	60.8	58.5	57.0	54.9	54.0	53.0	53.0
21	53.2	54.3	55.4	55.9	56.0	56.7	58.9	59.7	60.8	60.5	61.0	62.6	62.8	61.7	61.7	60.3	60.3	60.1	59.7	59.1	58.9	58.8	58.7	58.6
22	58.8	58.4	58.6	58.5	58.2	58.8	59.2	60.2	62.2	65.0	64.7	64.9	65.0	62.6	61.0	61.7	61.2	60.2	59.6	60.0	60.1	60.1	60.0	59.8
23	59.2	59.9	59.8	59.2	59.4	59.2	59.1	60.0	59.9	60.2	60.2	60.7	60.8	62.0	61.1	61.0	60.8	59.7	58.6	57.7	56.5	55.4	54.7	54.0
24	54.0	54.3	54.2	54.2	54.7	55.5	58.9	60.0	62.3	62.8	63.9	62.0	64.3	64.3	63.6	62.2	62.1	61.0	59.9	58.0	56.9	56.6	55.9	55.2
25	55.0	53.9	54.8	53.9	54.2	55.2	57.5	59.4	61.8	61.9	63.0	62.7	65.5	64.0	62.0	61.5	60.5	59.1	58.7	58.1	59.6	59.6	59.7	59.7
26	59.8	59.9	60.0	60.8	60.5	59.9	59.8	59.5	60.9	60.6	62.0	63.0	65.0	64.2	64.8	64.0	63.0	61.9	60.4	59.4	59.0	58.8	59.0	58.9
27	59.1	58.3	58.2	59.4	59.5	59.5	60.0	60.0	61.6	62.5	63.6	65.2	66.3	67.7	66.7	64.9	63.0	62.0	60.1	59.7	59.1	57.9	57.1	56.1
28	56.0	55.7	56.0	56.5	56.7	56.8	58.0	59.9	61.1	62.0	63.3	66.9	66.9	66.9	68.0	67.2	67.1	64.0	63.2	62.1	60.9	60.3	61.1	62.6
29	62.3	62.4	61.4	61.1	61.4	61.7	62.5	63.2	65.5	65.5	67.0	68.6	69.0	68.1	67.4	66.4	65.6	64.3	62.5	60.9	59.8	59.1	58.8	57.8
30	57.3	57.0	56.4	55.8	55.3	55.6	56.5	57.6	60.0	61.2	63.2	62.0	62.4	63.0	61.2	60.3	60.0	61.9	59.9	58.7	58.9	58.7	58.2	58.0
31	57.7	57.4	57.0	56.6	56.9	56.9	57.8	58.3	60.8	61.4	63.5	63.8	65.9	65.0	64.1	66.8	67.9	64.1	62.1	61.5	61.3	60.9	59.6	59.9

HOURLY VALUES *July* 1877.

CISTERN 211 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
871	29.875	29.867	29.860	29.871	29.870	29.877	29.875	29.875	29.879	29.877	1
858	859	858	861	868	879	883	893	898	895	890	2
854	846	840	834	832	826	824	826	832	822	806	3
825	821	814	809	809	811	809	809	813	805	806	4
705	704	695	696	699	701	708	711	707	705	696	5
833	29.847	29.869	29.877	29.885	29.899	29.911	29.923	29.939	29.945	29.945	6
057	30.1055	30.061	30.063	30.067	30.068	30.073	30.092	30.095	30.089	30.087	7
135	137	140	145	147	152	154	164	173	175	169	8
162	161	146	141	138	138	30.146	30.156	30.156	30.134	30.136	9
039	30.030	30.019	30.012	30.005	30.000	29.987	29.985	29.979	29.983	29.965	10
934	29.928	29.920	29.912	29.907	29.907	908	912	922	928	920	11
752	743	729	712	707	693	677	677	677	675	659	12
548	528	529	529	522	527	523	516	504	484	466	13
152	126	100	086	089	106	124	139	144	144	141	14
164	160	159	160	160	156	156	156	154	144	132	15
194	206	222	230	248	264	281	310	332	339	353	16
599	607	621	629	651	667	687	705	731	739	746	17
706	705	700	710	702	702	699	698	700	700	698	18
692	690	686	690	692	697	696	702	710	709	718	19
863	865	865	865	873	877	880	880	885	880	877	20
785	782	770	751	742	721	708	698	690	672	661	21
521	511	503	488	469	461	453	453	441	429	417	22
247	247	238	238	229	237	245	248	255	253	260	23
455	465	477	490	503	511	528	556	575	579	599	24
773	771	769	757	740	711	681	669	667	657	643	25
915	931	937	947	947	29.959	29.961	29.971	29.975	29.969	29.965	26
992	29.992	29.995	29.992	29.992	30.002	30.014	30.027	30.042	30.036	30.040	27
039	30.039	30.036	30.034	30.041	047	053	078	081	086	079	28
157	153	151	151	149	149	151	151	30.148	30.150	30.143	29
065	30.057	30.051	30.039	30.009	30.004	30.009	30.001	29.989	29.973	29.967	30
756	29.745	29.728	29.716	29.706	29.700	29.687	29.706	29.710	29.710	29.710	31

WET BULB THERMOMETER 11 FEET ABOVE GROUND.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
3	540	540	538	546	547	554	553	559	552	565	572	569	569	570	563	563	553	549	548	540	530	534	529	1
5	534	531	537	540	551	570	570	569	563	568	582	580	585	585	589	576	552	548	541	540	532	530	540	2
6	535	542	544	549	556	570	569	575	575	590	595	596	591	598	585	587	572	570	558	550	544	544	549	3
6	548	542	543	540	544	548	544	549	537	538	553	550	555	549	548	548	545	546	541	535	525	512	494	4
4	488	487	484	492	508	548	542	550	547	549	560	569	572	556	552	552	540	532	519	514	502	490	484	5
4	482	481	477	480	500	522	515	518	518	524	521	520	524	530	523	*	515	522	519	511	509	500	495	6
7	497	487	481	489	500	519	528	531	524	520	519	527	518	522	526	511	513	514	513	509	509	500	502	7
3	497	498	502	500	512	543	531	536	538	551	540	549	546	539	530	*	519	528	519	505	510	519	512	8
5	519	527	516	513	531	553	562	561	553	560	560	573	577	577	580	570	570	566	558	549	545	544	538	9
4	533	532	535	541	550	575	579	579	585	588	587	597	603	593	599	590	588	574	666	557	547	541	540	10
5	545	546	553	562	571	579	588	596	583	588	585	592	586	589	574	569	555	547	545	541	529	519	518	11
1	515	518	525	531	531	561	568	558	559	569	562	587	580	566	570	560	563	560	552	546	538	530	524	12
7	538	540	539	545	553	562	578	589	585	607	600	602	604	609	615	611	613	601	599	600	599	601	600	13
9	597	600	598	593	590	590	595	597	604	579	580	579	580	574	576	565	567	549	550	543	557	559	559	14
0	555	552	542	541	543	555	556	568	562	584	576	577	584	577	567	582	575	560	547	548	547	544	549	15
10	549	550	548	552	553	557	562	573	579	583	579	582	579	577	576	576	575	570	569	565	564	564	562	16
9	551	549	544	540	534	533	529	541	551	561	568	570	566	573	570	565	558	553	545	536	525	521	513	17
4	514	510	509	514	522	534	541	545	552	556	565	610	610	600	592	595	597	595	590	583	589	584	581	18
7	573	564	562	567	570	580	595	610	614	625	620	614	625	629	620	605	588	580	583	586	574	565	550	19
7	540	527	507	496	505	537	552	540	543	548	550	554	544	558	554	560	549	540	535	525	521	515	514	20
8	523	533	533	535	541	554	564	574	574	579	590	590	585	587	579	579	578	575	570	569	567	570	572	21
3	570	574	572	578	578	582	590	606	614	615	614	617	604	602	602	600	596	600	595	596	595	595	593	22
7	594	593	588	587	588	586	595	593	597	599	600	596	600	587	578	580	569	568	559	550	544	539	531	23
0	538	532	531	533	542	567	571	585	582	586	572	592	590	583	580	580	571	571	562	555	551	545	540	24
7	527	533	526	529	540	559	566	569	575	581	580	592	590	585	588	586	579	579	578	594	593	595	595	25
6	596	598	601	596	590	591	586	586	582	590	599	607	594	602	599	590	586	582	577	579	578	581	580	26
2	575	576	583	588	586	587	585	589	592	605	615	620	626	617	605	593	583	570	569	568	562	557	548	27
8	543	548	551	553	555	570	585	596	603	620	643	640	638	649	641	643	620	616	609	600	595	600	610	28
0	610	604	603	604	606	612	615	629	625	634	643	648	642	638	630	626	616	606	594	584	578	575	564	29
6	562	557	550	548	549	557	564	584	592	607	599	604	608	597	588	585	597	584	576	578	577	574	572	30
0	569	566	561	564	563	573	578	595	593	605	611	630	626	625	631	635	611	606	600	599	597	587	587	31

Meteorological Office.
116, Victoria Street, Westminster. S.W.
ROBERT H. SCOTT, Secretary.

WIND																								DIRECTION IN NUMBERS				8-E 16-S		24-W 32-N	
DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		D						
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V							
1	30	12	30	85	30	45	30	65	30	55	30	65	29	85	29	85	28	105	28	85	28	95	28	85	28						
2	27	75	27	105	27	95	27	105	27	85	27	95	27	85	27	12	27	12	27	12	28	16	27	13	27						
3	24	14	24	12	24	11	24	12	24	12	24	14	23	15	23	19	22	21	22	21	22	27	22	25	21						
4	23	105	23	12	23	11	23	65	26	65	26	4	26	4	26	45	26	55	26	75	27	12	26	11	26						
5	23	105	23	85	23	11	23	105	23	95	23	65	23	55	21	75	17	14	16	12	18	12	20	18	21						
6	26	13	26	14	26	14	26	105	26	95	26	105	27	14	27	19	27	19	27	23	28	27	27	26	29						
7	29	95	29	95	29	85	29	85	29	95	29	85	29	14	28	16	28	16	28	17	30	21	28	20	28						
8	28	75	28	85	28	75	28	75	28	75	28	55	27	11	26	12	26	13	27	12	27	18	28	16	27						
9	26	105	24	95	24	11	24	11	24	11	24	11	24	105	24	95	23	12	23	11	22	14	22	13	22						
10	24	105	24	95	24	95	24	65	24	85	24	75	24	95	23	14	23	13	22	15	21	21	22	17	22						
11	23	15	23	15	23	14	23	105	23	13	22	18	22	20	22	13	24	105	28	13	28	13	28	11	28						
12	30	55	30	55	30	65	30	45	30	3	30	2	30	3	7	55	10	55	10	4	13	95	14	75	21						
13	26	65	26	95	23	105	23	105	23	85	23	75	21	11	21	14	19	19	19	23	18	22	18	24	17						
14	18	16	17	17	19	18	18	17	20	16	20	19	20	19	21	16	21	14	21	11	20	75	16	95	14						
15	26	21	26	22	26	22	26	17	26	20	26	17	25	17	25	19	25	22	25	21	26	20	22	14	24						
16	22	20	23	17	23	18	23	18	24	15	23	19	23	18	23	18	25	24	26	20	26	24	26	21	26						
17	26	26	26	27	26	29	26	27	26	27	26	29	26	30	26	26	26	32	26	27	25	32	25	30	26						
18	27	13	27	95	27	105	27	95	25	65	25	11	25	13	25	11	21	14	19	16	17	16	15	13	22						
19	25	18	25	18	26	17	26	18	26	16	26	16	25	15	25	14	24	15	24	22	24	23	23	18	24						
20	26	14	26	14	29	11	29	75	29	65	29	65	29	95	27	11	26	13	26	13	26	15	25	15	25						
21	22	85	22	85	21	85	18	85	18	85	18	85	18	105	18	15	18	16	17	16	17	20	17	20	17						
22	17	19	17	15	18	14	18	19	18	18	18	18	18	18	18	18	17	24	18	23	17	25	18	27	18						
23	19	18	18	24	17	31	17	28	17	31	16	28	16	30	17	32	16	32	17	31	17	37	18	24	22						
24	22	105	22	13	22	14	22	13	22	15	22	15	22	16	21	20	21	21	21	23	19	24	21	23	20						
25	22	12	22	12	22	12	22	13	22	12	22	85	22	105	22	14	22	17	21	19	21	21	21	22	19						
26	22	31	22	27	22	25	24	27	25	31	25	26	26	24	28	20	28	23	27	18	27	19	26	19	26						
27	23	3	23	3	23	3	23	3	23	3	25	95	26	11	27	11	27	13	28	95	28	11	27	11	27						
28	27	85	27	95	27	75	27	75	25	55	25	55	25	95	25	14	25	85	23	12	23	15	25	21	25						
29	27	85	27	105	27	95	27	65	27	4	27	2	27	11	27	17	27	15	27	13	26	105	26	105	26						
30	26	2	26	2	26	2	26	2	26	15	26	2	26	3	26	2	26	4	26	4	26	65	25	75	25						
31	14	3	14	4	14	45	14	45	6	85	2	75	2	55	2	4	2	4	10	55	10	55	10	55	10						

RAINFALL												GAUGE { HEIGHT ABOVE GROUND 2 FEET HEIGHT ABOVE MEAN SEA LEVEL 167 FEET.												
DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WIDT.
1																								
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31																								

AND VELOCITY IN MILES PER HOUR

2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
V	D	V	D	V	D	V	D	V	D	V	
6 14	26 15	27 17	27 17	28 13	27 13	27 8.5	27 5.5	27 8.5	27 7.5	27 7.5	1
7 13	26 15	26 17	26 16	26 19	26 18	25 10.5	25 12	25 9.5	24 8.5	24 13	2
3 25	22 24	22 23	22 22	23 20	23 14	23 12	23 12	23 14	23 12	23 10.5	3
6 11	26 12	22 15	26 14	26 11	26 5.5	26 5.5	26 7.5	23 7.5	23 9.5	23 10.5	4
2 17	26 12	24 11	25 14	24 16	24 12	24 12	25 12	25 12	25 14	25 14	5
8 24	27 21	27 23	27 19	27 17	27 14	27 10.5	26 11	29 9.5	29 10.5	29 9.5	6
8 20	29 20	28 20	29 22	28 21	29 19	28 13	28 8.5	28 8.5	28 9.5	28 8.5	7
7 18	27 17	28 16	28 16	28 15	28 12	28 8.5	28 8.5	28 6.5	26 8.5	26 8.5	8
3 13	23 12	22 13	23 13	24 11	26 11	26 9.5	25 7.5	24 11	24 10.5	24 6.5	9
1 17	21 17	22 16	22 18	21 19	23 11	23 6.5	23 5.5	23 5.5	23 8.5	23 13	10
7 10.5	27 10.5	31 13	30 15	30 13	30 8.5	30 6.5	30 6.5	30 4.5	30 5.5	30 6.5	11
6 7.5	16 10.5	19 8.5	20 10.5	20 9.5	22 7.5	26 7.5	26 6.5	26 6.5	26 4.5	26 7.5	12
7 23	17 21	21 19	21 18	21 16	21 14	21 13	20 17	20 15	20 17	19 16	13
7 8.5	1 10.5	1 15	30 21	30 19	28 21	28 20	27 17	26 17	25 19	25 20	14
5 19	26 20	26 16	24 17	24 19	24 21	24 19	24 18	24 21	23 20	23 20	15
6 21	26 20	25 25	25 30	25 30	25 30	26 27	26 25	26 28	25 27	26 30	16
6 30	25 31	25 28	25 27	26 28	26 20	25 18	25 21	26 18	26 15	27 15	17
5 24	25 25	25 24	25 21	24 16	24 9.5	24 7.5	24 11	24 14	25 13	25 15	18
4 21	24 25	25 21	26 18	25 20	24 19	24 17	24 16	25 19	25 21	26 16	19
6 16	25 14	22 14	26 15	22 15	22 13	22 8.5	22 8.5	22 9.5	22 9.5	22 10.5	20
7 22	17 20	17 20	18 19	18 13	17 17	17 17	18 17	17 19	17 21	18 20	21
7 25	18 23	18 25	18 23	17 23	18 22	18 22	18 22	17 26	17 26	18 25	22
2 15	22 12	22 12	22 10.5	22 9.5	22 9.5	22 9.5	22 10.5	22 8.5	22 11	22 12	23
0 21	21 23	21 26	21 23	21 20	21 17	21 15	21 12	21 15	21 12	21 12	24
0 23	20 22	19 18	18 18	17 19	17 20	17 24	20 29	20 30	21 30	22 32	25
7 16	26 19	26 18	26 16	26 15	24 11	24 10.5	23 7.5	23 5.5	23 4	23 4	26
7 12	27 14	27 18	27 18	27 16	27 16	27 8.5	27 7.5	27 5.5	27 5.5	27 7.5	27
5 20	26 22	26 22	26 21	26 19	26 16	26 15	27 15	27 13	27 14	27 13	28
6 14	26 12	26 12	26 12	26 10.5	26 11	26 8.5	26 5.5	26 5.5	26 4	26 3	29
5 11	14 11	14 7.5	14 7.5	14 6.5	14 4.5	14 3	14 4	14 3	14 4.5	14 4	30
0 4.5	10 5.5	31 11	30 17	30 23	30 25	29 23	29 19	28 17	28 16	28 14	31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT	DAYS
78 372	373	373	393	387	387	386	393	374	414	400	383	375	388	378	379	365	367	379	381	373	383	379	1
74 381	376	388	391	408	432	420	396	363	365	391	379	394	394	404	396	363	359	364	377	372	368	378	2
81 378	391	398	405	411	415	396	401	385	413	419	415	410	422	401	413	393	403	405	403	398	402	412	3
78 412	405	408	404	402	397	378	376	342	401	355	336	347	354	343	342	346	373	366	368	362	352	330	4
20 317	311	310	322	337	399	366	358	385	401	379	385	385	377	362	348	337	336	334	340	326	310	301	5
10 307	302	302	301	323	332	316	322	310	323	320	315	313	321	329	*	307	324	341	337	349	334	324	6
33 327	310	305	316	322	329	325	333	320	337	309	324	316	320	322	298	306	314	328	329	335	325	320	7
14 328	334	340	335	339	362	345	335	332	343	329	335	343	324	321	*	304	334	332	320	334	348	335	8
41 352	368	351	347	371	392	377	383	380	372	375	392	396	406	399	391	398	401	402	397	403	396		9
20 393	393	397	407	418	438	423	418	415	401	393	414	434	410	427	419	425	416	413	417	400	400	398	10
68 408	409	417	434	447	453	469	476	448	449	438	424	420	428	398	380	362	354	370	366	363	353	352	11
50 357	356	364	376	369	408	402	390	391	407	388	419	403	388	406	383	389	390	391	394	387	375	360	12
77 389	391	390	399	411	417	434	440	429	472	461	483	510	526	524	510	521	495	501	506	505	509	508	13
25 505	512	508	501	491	490	488	499	499	500	461	467	463	472	463	464	437	446	410	412	402	428	431	14
34 424	418	401	399	400	415	414	417	388	418	452	431	443	421	401	423	425	403	385	391	396	387	410	15
16 413	418	412	422	421	430	436	457	465	471	464	467	461	458	456	448	444	444	442	436	432	433	428	16
19 400	405	392	387	371	363	352	358	372	392	406	423	399	412	405	403	397	398	392	381	358	352	334	17
38 340	330	330	345	359	361	386	384	414	427	449	520	500	478	473	481	492	495	490	477	487	479	471	18
61 455	441	439	449	451	466	492	520	521	538	525	510	512	522	510	504	463	450	460	478	448	432	406	19
10 396	364	336	323	334	364	396	341	343	353	343	343	323	352	368	367	358	361	364	363	363	361	358	20
36 365	379	374	378	384	392	410	425	429	436	448	446	446	451	446	446	446	442	435	434	430	441	448	21
15 445	454	450	457	464	471	482	504	491	499	492	500	492	510	499	500	502	509	502	504	501	502	498	22
17 499	498	490	480	474	486	502	496	505	512	508	493	487	460	433	442	424	436	422	412	410	405	391	23
18 393	391	358	387	403	428	426	438	443	421	405	433	427	416	424	426	413	427	427	421	414	406	401	24
25 381	381	378	382	401	425	419	398	414	417	418	418	431	442	457	465	463	469	475	504	501	507	507	25
28 506	511	509	498	486	491	480	459	451	456	471	469	440	456	458	443	445	453	452	464	464	470	468	26
73 462	467	477	486	477	475	469	459	456	482	491	492	493	478	464	452	436	422	424	429	428	424	412	27
13 403	413	415	418	423	451	470	489	497	535	561	550	543	566	550	559	525	523	516	504	497	502	512	28
16 514	510	512	510	512	520	520	534	520	529	545	544	540	536	523	522	507	500	484	469	460	455	440	29
49 440	434	422	423	422	433	438	466	474	493	484	495	500	490	474	469	479	467	460	462	463	460	457	30
55 456	453	443	447	444	463	471	490	474	484	498	530	530	542	521	519	494	506	495	495	494	481	476	31

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	29.728	29.714	29.698	29.688	29.680	29.672	29.661	29.664	29.652	29.646	29.630	29.615	29.6
2	.579	.568	.566	.560	.558	.558	.558	.560	.558	.554	.569	.569	.5
3	.513	.517	.513	.513	.517	.523	.523	.523	.529	.527	.532	.524	.5
4	.508	.508	.506	.510	.516	.528	.536	.550	.556	.564	.568	.568	.5
5	.534	.518	.510	.508	.511	.513	.512	.506	.506	.510	.510	.501	.4
6	.443	.437	.427	.427	.427	.435	.441	.455	.461	.469	.467	.475	.4
7	.641	.643	.642	.653	.663	.677	.679	.687	.699	.701	.701	.707	.7
8	.779	.775	.781	.775	.779	.787	.796	.803	.806	.813	.818	.817	.7
9	.821	.815	.813	.801	.793	.793	.793	.799	.801	.793	.789	.787	.6
10	.761	.753	.743	.731	.719	.723	.723	.725	.725	.713	.702	.696	.6
11	.606	.610	.603	.604	.608	.613	.626	.640	.644	.648	.656	.655	.6
12	.650	.644	.628	.614	.610	.594	.586	.574	.566	.570	.567	.565	.5
13	.429	.422	.399	.385	.379	.375	.371	.357	.345	.341	29.336	29.322	29.3
14	29.200	29.190	29.174	29.162	29.150	29.142	29.130	29.124	29.105	29.103	29.072	29.047	29.0
15	28.805	28.775	28.735	28.709	28.675	28.651	28.633	28.621	28.603	28.603	28.599	28.599	28.6
16	.705	.714	.727	.737	.749	.765	.775	.796	.809	.811	.823	28.835	28.8
17	28.893	28.893	28.897	28.904	28.914	28.929	28.943	28.951	28.964	28.979	28.997	29.025	29.0
18	29.285	29.295	29.299	29.317	29.333	29.347	29.366	29.385	29.393	29.416	29.425	.429	.4
19	.453	.443	.441	.429	.423	.425	.429	.413	.409	.403	.394	.375	.3
20	.370	.375	.390	.400	.420	.428	.436	.444	.456	.467	.474	.492	.5
21	.522	.516	.506	.500	.490	.490	.488	.488	.478	.477	.480	.486	.4
22	.362	.344	.320	.308	.306	.296	.292	.292	.284	.284	.286	.276	.2
23	.166	.152	.136	.126	.122	.126	.117	.100	.074	.060	.048	.029	.0
24	.001	.005	.002	.003	.013	.027	.042	.057	.073	.087	.097	.111	.1
25	.245	.257	.271	.310	.327	.333	.355	.384	.401	.418	.424	.436	.4
26	.394	.390	.375	.374	.378	.404	.416	.446	.454	.476	.498	.506	.5
27	.652	.644	.648	.646	.655	.672	.680	.682	.692	.702	.711	.711	.7
28	.745	.733	.728	.721	.719	.713	.707	.710	.705	.691	.679	.677	.6
29	.761	.755	.752	.767	.763	.769	.777	.782	.798	.808	.812	.817	.8
30	.833	.832	.827	.817	.827	.837	.849	.849	.855	.857	.857	.858	.8
31	29.706	29.690	29.677	29.664	29.656	29.654	29.644	29.638	29.627	29.620	29.610	29.592	29.5

DRY BULB THERMOMETER 7 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	51.9	51.0	50.6	50.0	51.1	51.9	54.2	56.8	59.7	59.3	61.0	60.1	62.8	62.3	62.8	62.0	62.0	61.1	59.2	57.0	54.8	54.9	54.8	54.8
2	54.1	53.7	52.2	51.8	53.1	55.0	56.9	57.9	57.5	57.2	59.2	58.0	58.0	57.9	58.8	59.0	60.0	59.1	57.6	56.0	55.1	55.0	54.0	53.1
3	53.2	52.9	52.4	51.8	50.9	51.4	54.3	51.1	53.8	56.0	55.3	57.1	59.2	58.4	59.1	59.1	58.8	58.0	56.2	52.0	50.3	49.5	50.0	49.9
4	49.0	48.5	48.0	46.8	51.0	54.8	56.8	56.1	56.2	58.2	58.1	58.5	58.9	59.0	59.0	59.0	59.1	58.3	57.3	55.0	51.4	49.0	47.8	46.7
5	46.1	46.8	46.7	48.0	47.8	49.8	52.1	55.0	57.9	59.0	58.1	59.8	60.8	60.8	60.6	60.8	60.4	58.9	59.1	57.3	54.1	53.9	51.7	50.0
6	48.2	46.8	48.1	47.0	48.1	52.4	56.3	56.1	55.0	58.5	55.2	58.1	57.5	56.2	56.8	55.9	56.2	55.9	53.4	53.0	51.9	51.0	50.0	47.9
7	47.5	47.8	48.9	47.0	47.9	51.2	55.2	55.1	56.1	56.2	58.1	52.4	55.4	56.2	59.2	58.1	52.0	51.2	50.2	50.1	48.8	48.2	46.1	45.2
8	43.8	48.2	45.3	44.8	47.9	49.9	54.0	53.4	53.5	54.5	54.0	55.1	55.1	55.2	55.3	55.1	56.1	55.3	54.3	53.4	53.1	54.0	54.0	53.8
9	53.5	53.0	53.0	53.0	53.3	54.1	54.9	54.8	55.1	57.3	59.0	59.1	58.3	58.8	56.1	56.1	56.1	56.7	56.9	56.8	56.4	56.2	56.8	56.9
10	56.9	56.9	57.0	57.1	57.2	57.4	58.3	60.1	59.9	62.1	62.0	63.1	63.4	64.7	63.9	63.0	62.0	60.0	58.0	57.8	57.8	57.3	57.4	57.5
11	57.1	56.1	55.1	53.8	54.4	55.2	55.1	55.8	56.4	56.6	57.9	58.0	58.3	58.9	59.0	59.1	59.1	57.4	57.7	56.0	54.0	53.9	52.8	52.8
12	53.0	53.6	53.9	53.5	53.4	54.9	56.8	58.1	59.5	59.1	58.2	59.9	62.0	63.5	63.2	62.0	62.5	61.0	58.9	56.9	55.2	53.0	52.5	51.0
13	50.4	50.1	49.0	49.1	49.2	50.8	52.1	54.9	58.3	58.2	61.9	63.7	64.7	62.2	63.0	60.9	59.9	58.3	59.0	59.3	58.3	58.2	57.9	57.4
14	57.1	57.1	57.2	57.2	57.3	58.2	59.0	60.1	61.0	60.3	62.6	61.7	63.4	63.7	63.5	63.5	63.1	61.9	59.9	59.1	58.3	58.1	57.8	57.2
15	57.1	57.9	58.2	58.3	58.1	58.0	58.2	59.1	60.1	60.1	60.0	59.1	58.1	56.1	55.4	55.1	54.9	55.1	54.8	54.1	53.3	52.9	52.9	53.7
16	54.2	54.4	54.9	55.1	55.1	55.0	55.0	55.4	55.6	56.7	57.4	57.3	55.2	55.5	56.8	58.4	58.0	58.2	57.7	56.8	55.2	55.0	54.9	55.2
17	55.0	55.0	54.9	55.0	55.1	55.7	56.0	57.3	58.2	59.1	59.8	59.9	60.0	59.5	60.1	59.5	57.5	56.2	55.7	55.0	54.7	54.6	54.0	53.8
18	53.6	53.0	53.0	53.1	53.1	53.0	53.1	53.4	53.9	54.5	56.4	57.8	56.9	57.9	58.3	57.9	59.4	57.9	57.0	54.3	50.2	49.8	48.1	46.0
19	46.3	44.1	44.3	44.9	45.9	49.6	51.8	55.1	58.1	59.8	61.7	62.2	62.3	61.9	63.1	62.0	59.2	58.4	58.6	56.9	54.1	53.4	52.8	50.9
20	50.0	49.9	49.2	49.2	50.7	51.9	54.0	54.7	55.3	55.0	57.9	57.7	57.0	57.3	58.0	59.1	58.0	57.8	56.1	55.1	54.6	54.9	54.0	53.1
21	53.1	53.1	52.7	51.3	52.1	53.7	55.0	54.8	56.0	57.1	58.8	60.9	61.0	62.7	61.8	62.3	63.5	62.2	61.7	60.7	60.0	59.9	59.3	59.0
22	58.7	57.9	57.4	57.8	57.7	57.9	58.2	57.9	58.1	58.2	59.4	59.9	60.5	60.9	61.0	62.1	63.0	62.1	61.9	61.2	61.4	60.3	60.2	60.0
23	60.1	60.1	60.1	60.3	60.0	59.0	59.1	59.9	61.0	61.9	61.8	63.0	63.4	64.1	64.5	63.0	59.9	59.7	59.2	57.6	57.2	56.6	56.1	55.1
24	54.9	54.7	53.8	51.9	51.1	53.4	55.9	57.0	59.0	60.1	61.9	61.9	62.9	63.2	62.0	63.6	62.2	62.0	61.0	57.8	55.0	53.9	52.9	52.3
25	54.1	53.7	54.9	52.9	52.0	54.9	55.9	56.6	59.0	59.9	61.1	63.0	62.3	63.3	62.0	61.7	62.9	61.8	60.0	58.3	57.8	56.7	55.0	55.2
26	55.3	55.2	55.1	55.0	54.9	55.6	58.0	59.2	61.1	61.5	62.9	61.6	63.3	63.7	64.0	61.2	61.8	60.9	59.2	58.1	57.6	56.3	56.9	57.1
27	56.0	56.0	54.9	53.2	53.8	53.9	57.0	58.1	58.1	58.9	58.9	56.4	58.4	57.9	57.9	60.0	59.7	58.0	56.9	56.1	55.9	55.4	55.6	54.9
28	54.8	55.0	54.4	53.5	53.8	53.1	53.8	55.9	55.8	56.8	57.8	56.9	57.9	58.2	61.0	60.9	60.8	60.9	60.3	59.9	59.6	59.0	59.1	59.5
29	59.7	59.9	60.5	60.2	60.6	60.9	60.3	60.2	60.2	61.5	62.8	62.0	61.3	63.4	64.0	65.1	64.9	63.1	62.9	62.3	62.1	61.9	61.3	61.0
30	60.2	59.9	59.2	58.8	58.9	58.8	57.3	57.1	57.7	59.2	63.6	65.5	66.2	67.5	68.0	67.9	66.0	66.4	66.0	61.8	59.3	58.2	57.1	55.9
31	57.2	54.0	55.5	57.6	57.8	57.7	57.6	58.1	58.1	58.3	59.2	60.3	61.0	61.4	61.9	61.5	62.0	61.7	61.0	58.8	56.9	55.0	54.4	53.5

HOURLY VALUES

July

1877.

CISTERN 361 FEET ABOVE MEAN SEA LEVEL.

2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
608	29.604	29.592	29.592	29.586	29.586	29.588	29.589	29.596	29.592	29.590	1
563	.553	.549	.541	.543	.539	.537	.533	.529	.529	.517	2
518	.512	.508	.499	.494	.502	.497	.511	.513	.512	.510	3
562	.554	.548	.552	.546	.552	.552	.554	.552	.550	.538	4
481	.471	.463	.457	.449	.455	.455	.457	.455	.449	.443	5
506	.511	.531	.535	.551	.578	.591	.613	.623	.615	.633	6
728	.723	.745	.745	.757	.762	.757	.775	.778	.777	.777	7
825	.829	.831	.833	.830	.833	.829	.833	.833	.831	.829	8
797	.789	.785	.777	.775	.763	.769	.773	.775	.769	.763	9
676	.662	.654	.644	.646	.642	.628	.628	.622	.616	.616	10
662	.662	.658	.660	.654	.652	.659	.662	.662	.658	.652	11
533	.509	.503	.493	.477	.473	.465	.461	.451	.436	.425	12
308	29.294	29.280	29.260	29.254	29.236	29.234	29.230	29.234	29.218	29.213	13
002	28.989	28.962	28.947	28.935	28.925	28.919	28.909	28.899	28.879	28.853	14
.635	.643	.649	.655	.649	.643	.651	.663	.675	.688	.697	15
861	28.859	28.859	28.862	28.875	28.874	28.885	28.895	28.895	28.895	28.897	16
065	29.083	29.105	29.131	29.154	29.182	29.209	29.234	29.255	29.269	29.280	17
443	.451	.453	.453	.449	.451	.448	.461	.467	.470	.469	18
354	.335	.330	.322	.304	.298	.308	.325	.346	.354	.362	19
520	.520	.523	.521	.530	.532	.536	.538	.550	.532	.528	20
472	.468	.460	.451	.450	.430	.426	.424	.414	.398	.384	21
262	29.248	29.236	29.219	29.206	29.202	.209	.215	.210	.198	.182	22
003	28.993	28.978	28.987	28.989	28.999	.009	.013	.009	.003	.001	23
141	29.152	29.157	29.167	29.171	29.185	.201	.218	.239	.231	.235	24
468	.468	.468	.462	.460	.462	.460	.456	.456	.441	.416	25
552	.568	.575	.591	.596	.604	.624	.642	.646	.656	.650	26
723	.733	.732	.737	.742	.738	.731	.733	.751	.747	.749	27
662	.658	.665	.675	.682	.699	.713	.729	.738	.743	.756	28
823	.827	.825	.821	.823	.827	.821	.829	.829	.827	.833	29
841	.828	.814	.804	.798	.784	.776	.762	.750	.736	.720	30
556	29.544	29.529	29.512	29.498	29.473	29.472	29.478	29.487	29.476	29.482	31

WET BULB THERMOMETER 7 FEET ABOVE GROUND.

	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS	
1	49.8	49.1	48.8	49.6	50.0	52.2	54.2	56.0	55.5	56.1	55.8	56.4	55.1	55.2	54.2	53.9	54.1	53.8	53.9	52.4	52.9	53.1	53.1	1	
2	52.3	51.3	50.9	51.9	53.5	54.7	54.1	54.0	53.9	53.0	51.9	51.1	52.0	51.9	51.7	52.9	52.2	52.1	52.3	52.7	52.8	52.1	52.0	2	
3	51.8	50.9	49.1	48.9	49.3	50.8	49.0	50.9	51.0	50.8	52.0	51.9	51.0	51.9	51.0	52.0	51.6	51.0	49.9	48.7	47.3	48.3	48.4	3	
4	47.2	47.0	45.8	45.0	51.0	52.5	50.7	51.2	51.8	51.8	51.8	51.9	51.2	52.0	51.4	51.6	51.5	50.9	50.1	48.2	46.6	46.0	45.0	4	
5	45.0	45.1	46.4	46.8	48.5	50.1	52.0	51.9	51.0	51.1	51.9	52.8	52.9	52.1	51.0	50.8	50.7	51.0	50.0	48.8	48.7	47.6	47.3	5	
6	44.8	46.1	45.2	46.1	49.3	52.1	50.4	48.5	50.0	49.7	52.0	51.7	49.0	49.9	50.1	50.1	51.0	48.8	47.2	47.7	46.4	46.7	45.8	6	
7	45.8	45.5	45.1	45.5	48.3	50.9	50.0	50.5	50.2	52.0	49.4	50.0	51.1	53.0	47.8	50.5	48.0	48.2	48.4	47.1	47.1	44.9	44.4	7	
8	46.3	44.3	43.9	46.7	48.4	51.7	49.9	51.0	50.9	50.6	51.4	51.4	50.3	51.0	50.5	51.0	51.8	51.2	51.2	51.6	52.6	52.3	52.8	8	
9	52.0	52.1	52.1	52.2	52.9	53.7	53.2	53.9	55.0	55.1	55.2	55.7	55.3	55.1	55.3	55.5	55.9	56.1	56.1	56.0	55.9	55.9	56.1	9	
10	56.4	56.2	56.3	56.8	56.4	57.2	58.1	57.9	58.9	58.1	58.1	58.9	53.9	58.9	57.9	57.8	57.1	57.1	57.0	57.1	57.0	57.0	57.0	10	
11	54.9	54.0	51.9	52.3	53.9	53.0	51.5	52.2	51.5	52.8	53.0	52.9	53.1	53.7	53.8	53.2	52.1	53.1	52.1	51.5	51.3	50.9	51.0	11	
12	52.2	52.4	51.9	51.9	52.9	54.0	55.2	54.2	54.8	54.7	55.0	55.2	55.8	55.2	54.0	55.0	54.1	53.1	52.9	52.4	51.2	50.3	49.1	12	
13	48.7	47.2	47.7	47.8	48.9	50.1	52.0	54.2	54.1	56.1	57.0	57.7	56.3	57.1	56.9	57.0	56.6	56.8	57.0	57.1	56.8	56.2	55.4	13	
14	55.5	55.8	55.8	56.0	56.4	57.0	56.9	57.7	58.1	58.8	59.7	60.7	60.2	61.0	60.7	60.4	60.0	58.8	58.2	57.9	57.2	57.0	56.3	14	
15	67.2	57.9	57.8	57.8	57.1	57.2	58.3	59.2	59.1	58.8	58.1	57.2	54.9	53.6	53.2	53.8	53.8	53.2	52.9	52.3	52.0	51.9	52.2	15	
16	53.0	53.0	53.1	53.1	53.2	53.8	54.1	54.8	55.4	56.1	56.3	54.8	54.5	55.3	56.2	56.1	55.9	55.6	55.0	54.6	54.1	54.1	54.2	16	
17	54.2	54.1	54.2	54.8	54.7	55.0	55.9	56.1	56.2	57.5	56.9	56.3	56.9	56.6	56.3	55.1	54.9	54.1	53.8	52.8	52.8	52.4	52.4	17	
18	52.0	52.0	51.9	51.6	51.7	51.5	51.5	52.0	52.2	53.3	53.3	52.3	53.2	54.0	52.3	53.0	51.6	51.6	50.2	48.1	47.3	46.5	45.0	18	
19	43.0	43.7	43.8	44.0	47.3	49.2	52.0	52.9	53.9	56.0	57.3	58.1	58.5	59.2	58.7	58.0	57.9	58.0	56.0	53.0	51.7	50.1	47.1	19	
20	47.2	46.8	47.0	47.8	48.1	49.7	49.9	50.0	50.0	52.0	51.0	50.9	50.5	52.0	52.0	51.3	52.1	52.0	51.9	51.8	52.1	51.5	51.1	20	
21	50.8	50.1	49.2	49.8	50.6	51.4	52.0	52.9	54.8	56.1	57.2	58.0	58.2	58.9	59.4	59.2	58.1	57.9	57.2	57.1	56.9	56.8	56.8	21	
22	56.3	56.0	56.3	55.9	55.9	56.1	55.9	56.2	56.9	57.2	57.7	58.1	58.2	58.8	59.1	59.3	59.1	59.2	58.9	58.7	58.1	58.2	58.2	22	
23	58.1	58.1	58.2	58.5	58.2	58.8	59.0	59.9	59.9	59.9	59.3	59.9	60.4	61.2	61.0	61.0	58.9	58.3	57.9	57.3	56.3	55.6	54.2	54.0	23
24	53.8	52.4	50.9	50.0	51.8	53.8	53.6	54.9	55.0	56.8	55.9	55.9	57.1	56.9	54.2	53.7	54.1	53.9	52.0	51.1	50.1	49.9	51.0	24	
25	52.1	53.0	51.0	50.9	52.2	53.0	52.8	55.0	54.9	55.0	55.9	55.8	54.9	54.9	54.7	55.1	55.1	54.6	54.0	54.0	53.9	54.0	53.9	25	
26	54.0	54.0	53.9	53.6	54.0	55.8	56.8	57.3	57.8	57.8	56.0	57.0	57.9	57.2	56.0	57.0	56.1	55.8	54.9	54.9	54.1	54.9	54.9	26	
27	54.0	53.2	52.2	52.8	52.1	53.8	54.2	54.8	54.2	53.3	52.2	53.2	53.2	53.0	54.1	55.0	54.1	54.1	54.1	53.9	53.9	53.5	52.7	27	
28	53.0	52.1	51.8	52.0	52.1	52.9	54.2	54.7	55.2	56.0	56.0	56.9	57.8	59.7	59.8	59.9	59.7	59.5	59.1	58.9	58.8	58.9	58.9	28	
29	59.4	59.4	60.0	59.9	60.1	60.0	60.0	59.9	59.8	60.4	59.8	59.1	60.9	60.7	61.9	61.7	60.5	60.4	60.7	60.8	60.2	59.9	59.5	29	
30	58.7	58.2	58.0	57.9	57.7	56.9	56.3	56.9	58.1	59.9	61.0	61.2	60.8	60.2	60.3	60.8	60.9	59.9	58.1	56.9	55.8	55.8	54.8	30	
31	53.1	55.1	57.0	56.9	56.9	57.0	57.6	57.8	57.9	58.5	59.2	59.8	59.9	59.9	59.5	59.2	59.4	59.0	57.9	55.4	53.4	51.9	50.9	31	

Meteorological Office,
116, Victoria Street, Westminster. S. W.

ROBERT H. SCOTT, Secretary.

WIND

DIRECTION IN NUMBERS

8-E 24-W
16-S 32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	24	2	24	3	24	3	24	3	24	2	24	2	23	4	21	75	21	11	20	11	20	11	21	17	21	17
2	19	55	19	55	19	65	19	65	19	55	19	95	21	13	20	14	20	12	21	16	22	20	21	19	21	19
3	10	11	20	105	21	85	23	95	21	55	19	65	21	15	22	12	21	20	21	17	21	15	20	22	21	20
4	21	45	21	3	21	45	21	45	21	65	22	75	22	11	22	14	21	14	21	15	22	17	22	17	22	17
5	25	2	25	2	25	2	25	3	25	3	25	2	20	4	20	85	21	12	22	15	21	13	21	13	21	14
6	26	2	26	45	26	45	26	3	26	2	27	45	22	65	26	85	27	85	27	65	28	65	22	95	24	15
7	29	4	30	45	28	55	28	2	28	3	28	4	22	85	25	15	25	16	25	19	25	16	24	105	25	11
8	22	4	27	55	27	4	21	3	22	2	22	45	22	95	23	95	24	105	23	105	25	13	23	15	23	17
9	20	11	21	11	22	12	20	13	20	13	20	14	21	22	22	21	21	16	21	22	21	25	21	27	21	2
10	19	95	19	65	19	75	20	95	20	105	20	95	18	11	19	13	19	14	19	17	19	20	18	17	18	24
11	20	15	21	11	21	65	21	85	20	65	19	105	22	14	23	14	22	14	20	13	21	16	22	16	22	18
12	22	45	22	45	22	55	22	55	22	45	22	55	22	45	19	55	20	85	22	85	20	105	21	11	21	14
13	23	3	23	3	24	45	24	3	24	4	26	2	26	3	28	3	20	45	19	85	19	75	18	85	17	11
14	19	55	19	55	18	45	18	55	18	4	18	45	14	45	13	105	12	75	12	85	10	55	3	45	4	5
15	1	75	1	95	1	11	2	105	2	11	2	105	2	14	2	95	3	95	6	85	13	13	14	105	15	21
16	14	34	13	31	13	28	13	29	12	24	11	20	11	15	11	17	11	17	11	14	12	14	12	13	21	6
17	20	3	20	3	20	3	20	45	20	45	20	45	21	75	21	75	24	11	24	14	23	17	24	23	24	24
18	24	17	24	19	24	19	24	25	24	19	23	17	23	18	23	15	23	19	24	18	23	18	24	19	24	17
19	19	3	19	3	19	3	19	2	19	3	19	2	19	2	16	2	11	4	14	4	17	85	16	105	14	13
20	25	95	24	95	25	95	24	105	24	95	23	12	23	15	22	16	22	23	21	22	22	24	21	24	22	25
21	19	85	19	85	19	105	19	85	19	75	18	95	17	95	16	95	16	15	18	105	19	105	20	13	20	9
22	15	16	16	13	16	12	16	15	15	18	15	15	14	20	14	19	14	17	14	19	15	22	15	21	14	22
23	14	22	14	21	14	19	14	19	15	20	20	75	20	4	19	55	13	20	13	29	14	28	13	30	13	33
24	17	3	18	45	22	55	20	4	18	55	18	4	16	85	17	12	17	14	18	16	17	22	19	15	19	16
25	18	85	18	85	21	12	21	85	20	55	19	95	19	17	20	18	20	19	20	18	20	20	20	19	20	20
26	18	45	16	45	15	3	15	2	15	4	20	2	20	3	22	85	24	12	24	13	24	18	25	15	23	16
27	21	55	23	65	21	55	21	4	15	4	18	45	22	13	22	16	22	15	23	16	23	16	24	13	23	19
28	21	45	21	95	22	65	20	85	20	85	20	11	20	65	20	95	20	65	18	75	18	95	19	75	20	105
29	21	13	21	15	22	17	21	16	20	11	20	13	22	17	21	19	22	24	23	20	22	21	22	21	22	23
30	20	105	20	13	20	12	20	11	20	105	21	11	23	14	22	12	20	12	20	11	21	13	20	105	19	11
31	21	3	21	2	20	4	20	45	20	65	20	85	18	75	19	85	19	75	17	95	19	85	20	65	20	65

RAIN FALL

GAUGE

HEIGHT ABOVE GROUND 2 FEET
HEIGHT ABOVE MEAN SEA LEVEL 377 FEET.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.
3	.005	.002	.001	.001	.001	.	.	.030	.010	.010	.	.	.	.	.	.	.	.	.	.052	.	.	.	.030
4	.	.003	.001	.001	.001	.002	.	.	.	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.010	.040	.020	.035	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.035	.002	.001	.	.140	.	.042	.055	.	.	.	.	.
8	.002	.	.002	.002	.001	.002	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.030
9	.020	.020	.040	.002	.015	.005	.020	.010	.	.002	.	.	.	.070	.130	.120	.130	.110	.050	.100	.115	.070	.030	.005
10	.020	.090	.035	.020	.020	.005	.005	.	.	.	.	.	.	.	.	.	.	.010	.010	.020	.060	.110	.015	.005
11	.002	.002	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.	.	.	.
14	.005	.005	.	.	.	.	.	.	.	.030	.	.010	.	.	.052	.005	.	.	.010	.020	.025	.015	.010	.006
15	.050	.110	.110	.120	.030	.015	.010	.005	.	.010	.	.	.	.	.	.	.010	.030	.026	.025	.159	.240	.240	.090
16	.020	.030	.005	.	.	.	.020	.020	.010	.010	.035	.035	.060	.050	.005	.	.	.002	.002	.001	.010	.	.	.
17	.005	.030	.030	.	.	.	.	.	.	.	.	.010	.	.	.	.	.	.	.005	.010	.	.	.	.005
18	.020	.015	.015	.010	.010	.005	.010	.005	.005	.010	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.030	.050	.060	.045	.005	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.030	.030	.035	.010	.005	.	.	.	.	.	.010	.080	.280	.035	.020	.040	.005	.005	.
24	.005	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.010
25	.	.005	.002	.003	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.010	.009
26	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.010	.010	.	.	.	.	.	.010	.020	.045	.	.005	.	.	.002	.002	.002	.	.002	.005
29	.	.030	.020	.010	.005	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30	.	.	.	.	.	.	.	.	.	.	.005	.	.	.	.	.	.	.	.	.	.	.	.	.
31	.	.	.	.	.010	.025	.010	.005	.008	.008	.008	.002	.005	.	.	.	.	.	.	.	.	.	.	.

HOURLY VALUES

July 1877.

AND VELOCITY IN MILES PER HOUR

3		4		5		6		7		8		9		10		11		MIDT.				DAYS.
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	
18	22	16	22	17	22	17	22	13	22	11	21	7.5	21	6.5	21	4.5	21	4.5	20	4.5		1
20	22	18	22	18	21	16	21	13	20	11	21	7.5	21	13	19	10.5	18	10.5	18	13		2
20	21	20	20	16	20	15	21	14	22	15	21	7.5	21	4.5	21	7.5	21	7.5	21	7.5		3
15	23	14	23	12	22	13	23	11	23	7.5	25	4.5	25	4	25	2	25	2	25	2		4
10.5	22	8.5	23	7.5	23	9.5	25	11	23	5.5	23	4	24	4	25	2	25	4	25	3		5
15	24	12	25	10.5	25	6.5	24	14	28	11	27	7.5	27	4.5	27	4.5	27	3	27	5.5		6
13	24	16	4	5.5	20	8.5	30	6.5	2	4	24	5.5	23	4.5	23	2	23	3	22	3		7
14	22	16	23	15	22	15	20	14	22	14	21	9.5	19	5.5	20	9.5	23	10.5	21	11		8
19	20	17	20	15	20	16	20	15	20	17	20	17	20	13	20	11	19	8.5	19	8.5		9
20	19	20	19	22	19	17	19	15	18	14	18	11	20	12	20	17	20	17	20	14		10
18	22	16	22	17	23	16	22	15	23	10.5	22	8.5	22	4.5	22	4.5	22	4.5	22	4		11
13	22	10.5	22	10.5	22	10.5	21	9.5	23	8.5	23	4	23	2	23	3	23	2	23	3		12
15	15	17	15	17	16	12	15	16	14	13	15	11	17	8.5	18	8.5	18	6.5	19	8.5		13
10.5	12	7.5	8	4.5	9	4.5	4	4	18	5.5	18	3	18	1.5	15	3	15	4	2	6.5		14
25	16	30	16	20	14	17	14	16	15	26	14	27	13	26	14	27	14	32	14	32		15
3	21	3	18	4	18	3	21	6.5	20	4.5	20	4	20	4.5	20	2	20	2	20	2		16
25	24	24	24	23	24	23	24	22	24	20	24	21	24	15	24	19	23	17	23	15		17
17	22	16	23	16	22	11	22	11	24	9.5	23	5.5	19	5.5	18	4	19	3	19	3		18
12	19	8.5	20	13	20	7.5	19	6.5	21	16	21	14	24	19	24	13	24	9.5	26	10.5		19
22	21	22	21	21	21	18	20	19	20	17	20	10.5	19	8.5	20	9.5	19	9.5	19	9.5		20
12	18	9.5	18	7.5	17	14	18	15	16	13	15	15	15	16	15	18	15	16	15	13		21
20	14	20	14	19	14	19	14	20	15	17	16	20	16	15	16	13	16	13	14	16		22
28	14	27	17	20	20	12	20	9.5	19	7.5	19	4.5	18	4	18	2	18	4	18	3		23
17	20	14	20	21	20	16	19	14	19	11	19	9.5	18	7.5	18	6.5	18	7.5	18	7.5		24
21	18	14	18	15	18	14	18	12	19	9.5	18	9.5	18	5.5	16	7.5	19	5.5	18	4.5		25
20	22	21	22	17	21	18	21	14	21	11	21	9.5	22	7.5	22	4	21	7.5	21	8.5		26
15	21	15	22	16	21	16	21	11	22	6.5	21	7.5	21	9.5	21	7.5	22	7.5	22	4.5		27
11	22	14	23	15	23	15	23	12	22	12	23	17	22	17	21	20	22	17	21	15		28
19	22	21	22	20	22	20	21	16	21	15	20	10.5	20	13	20	14	20	14	20	12		29
14	21	14	21	11	22	10.5	21	8.5	21	4.5	21	4	21	3	21	4	21	3	21	3		30
9.5	22	10.5	20	8.5	22	12	21	9.5	21	14	23	12	24	10.5	19	6.5	25	7.5	25	13		31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.
343	330	329	337	336	364	386	399	390	386	389	373	347	344	328	321	335	347	374	361	373	381	381	1
373	366	361	370	389	398	371	372	372	328	316	298	319	308	302	319	311	324	348	366	370	363	373	2
370	353	316	322	326	326	322	336	317	318	326	304	292	305	286	310	309	314	333	324	299	317	320	3
309	309	296	323	327	335	309	319	312	313	309	307	291	308	295	299	304	300	304	299	289	288	279	4
277	281	295	307	326	337	349	317	287	297	299	309	311	295	271	270	282	286	281	283	283	282	293	5
273	286	280	286	318	339	298	270	271	294	317	316	272	283	298	296	318	291	261	282	263	280	282	6
289	267	277	275	304	321	301	305	297	317	315	307	316	328	303	348	297	312	318	302	310	284	283	7
290	279	276	303	320	352	315	341	328	324	334	308	323	313	316	341	336	340	362	377	368	385	8	
374	377	377	376	384	396	384	399	401	399	384	409	417	421	427	433	436	438	440	443	443	434	438	9
447	440	442	456	441	452	455	451	452	440	416	435	419	429	411	421	426	454	454	457	461	459	458	10
415	402	360	364	398	374	331	340	321	338	342	336	333	347	348	334	325	348	343	347	343	348	350	11
372	372	364	365	373	380	398	354	374	382	370	352	351	340	323	342	336	333	350	357	352	337	326	12
326	303	314	314	323	337	350	368	367	376	379	387	378	390	408	424	434	430	432	449	442	428	412	13
419	425	425	430	430	436	419	430	452	442	483	491	471	499	490	486	488	480	473	474	456	454	440	14
458	476	471	475	454	454	476	491	487	479	469	456	415	388	320	398	396	384	384	378	375	372	370	15
383	376	377	377	381	397	401	419	421	432	439	424	412	417	421	424	415	414	408	418	406	407	407	16
409	407	409	426	415	419	427	421	412	441	421	403	427	411	410	402	413	398	397	374	375	371	374	17
374	374	370	362	366	360	355	361	360	367	356	335	348	363	326	326	310	318	313	310	295	296	287	18
264	277	272	266	298	318	348	339	344	375	405	426	443	448	447	464	473	473	435	387	360	328	281	19
292	292	296	297	290	303	302	360	302	319	298	302	292	318	307	303	322	339	346	348	363	347	349	20
341	329	324	329	328	335	351	363	398	413	417	439	424	456	464	443	427	428	420	426	421	426	430	21
431	426	424	422	419	421	419	426	445	437	445	449	446	464	458	452	458	463	464	460	452	471	459	22
455	455	455	469	474	492	486	500	485	468	471	481	498	485	506	483	467	461	457	440	428	396	402	23
402	374	359	347	363	387	367	377	368	395	371	360	388	396	314	314	325	332	320	327	313	321	331	24
367	376	348	358	355	366	352	380	368	357	359	364	332	345	343	340	352	359	363	369	378	403	398	25
401	402	400	393	396	415	427	418	427	410	376	384	403	381	381	401	387	400	389	395	390	403	401	26
391	382	377	385	364	372	371	387	360	338	340	342	348	343	347	372	370	381	393	399	396	382	368	27
375	359	362	363	376	388	398	414	414	424	435	449	473	493	497	503	494	497	489	488	493	496	490	28
499	508	515	506	507	513	515	512	489	490	481	469	497	483	506	501	489	488	506	512	495	495	487	29
476	471	470	465	461	458	442	452	467	463	471	468	441	419	422	448	457	431	432	429	412	427	444	30
391	429	457	451	452	457	469	475	474	481	487	496	495	485	480	462	473	470	467	418	386	353	339	31

KEW

OBSERVATORY LAT.

51.28' N

LONG.

0.19' W

BAROMETER.

DAYS.	1	2	3	4	5	6	7	8	9	10	11	NOON	1
1	30.052	30.031	30.017	30.007	30.001	29.996	29.996	29.995	29.993	29.989	30.000	30.003	29.999
2	29.976	29.968	29.962	29.965	29.973	.981	.978	.971	.966	.964	29.963	29.962	.961
3	.983	.980	.981	.978	.980	.984	.985	.988	.985	.981	.976	.971	.969
4	.945	.939	.934	.936	.942	.947	.949	.959	.960	.955	.956	.952	.949
5	.919	.917	.918	.918	.925	.932	.935	.930	.924	.926	.921	.913	.910
6	29.826	29.812	29.815	29.815	29.818	29.824	29.830	29.844	29.847	29.848	29.847	29.844	29.840
7	30.020	30.028	30.029	30.048	30.061	30.075	30.088	30.084	30.090	30.100	30.090	30.087	30.080
8	.162	.167	.169	.172	.177	.188	.194	.206	.211	.218	.217	.217	.215
9	.268	.269	.271	.274	.277	.276	.277	.277	.279	.281	.273	.273	.270
10	.227	.220	.213	.199	.191	.197	.197	.201	.193	.181	.170	.162	.155
11	.085	.075	.068	.065	30.060	30.055	30.055	30.062	30.062	30.048	30.045	30.036	30.030
12	30.029	30.017	30.005	30.005	29.999	29.996	29.995	29.994	29.981	29.955	29.951	29.933	29.919
13	29.777	29.771	29.765	29.757	.753	.753	.762	.756	.755	.747	.747	.750	.744
14	.66	.638	.620	.610	.603	.591	.585	.574	.552	.538	.527	.508	.494
15	.082	.080	.099	.125	.137	.153	.165	.175	.189	.209	.213	.224	.230
16	.309	.303	.296	.297	.303	.307	.314	.317	.319	.325	.331	.329	.327
17	.340	.352	.364	.373	.388	.398	.411	.430	.452	.464	.483	.505	.520
18	.735	.747	.763	.777	.793	.811	.827	.839	.845	.849	.867	.867	.866
19	.833	.812	.820	.816	.812	.820	.821	.823	.826	.831	.831	.828	.811
20	29.704	29.704	29.773	29.805	29.829	29.854	29.871	29.870	29.907	29.914	.925	.927	.928
21	30.012	30.010	30.010	30.011	30.011	30.015	30.014	30.015	30.013	30.003	.991	.985	.977
22	29.882	29.804	29.853	29.836	29.830	29.820	29.813	29.811	29.796	29.786	.792	.784	.777
23	.714	.690	.680	.662	.658	.652	.644	.640	.637	.632	.623	.610	.600
24	.422	.408	.413	.438	.471	.508	.533	.542	.556	.576	.592	.596	.600
25	.746	.761	.780	.792	.808	.836	.851	.867	.876	.884	.897	.913	.920
26	29.867	29.808	29.754	29.722	29.710	29.707	29.717	29.727	29.748	29.786	29.831	29.863	29.880
27	30.095	30.099	30.095	30.093	30.101	30.115	30.117	30.117	30.117	30.109	30.100	30.094	30.080
28	.143	.151	.148	.150	.153	.155	.157	.155	.144	.150	.153	.133	.120
29	.161	.164	.177	.188	.195	.200	.209	.215	.220	.217	.215	.210	.200
30	.247	.244	.236	.237	.243	.262	.265	.273	.273	.274	30.264	30.257	30.240
31	30.121	30.104	30.098	30.078	30.066	30.065	30.065	30.047	30.032	30.011	29.989	29.960	29.930

DRY BULB THERMOMETER 10 FEET ABOVE GROUND.

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.
1	61.0	61.3	61.1	61.2	61.5	61.7	61.4	61.1	61.0	59.0	59.3	59.0	59.0	58.7	59.0	60.5	63.1	63.2	65.0	62.0	59.4	57.8	55.7	54.1
2	53.9	54.1	54.0	54.3	54.8	55.5	57.3	59.9	62.8	64.3	66.5	66.9	67.2	69.0	69.0	68.5	66.2	66.2	66.6	63.5	60.9	59.0	56.8	55.4
3	53.9	52.0	51.3	50.2	52.0	54.9	57.0	59.0	60.9	63.0	64.0	66.3	65.9	66.5	65.4	64.5	63.7	63.6	61.9	59.5	57.5	56.1	55.0	55.2
4	54.8	54.6	54.6	54.7	54.8	55.6	57.2	58.3	60.1	62.2	63.5	64.8	66.0	66.7	65.5	67.6	68.5	68.0	64.9	62.0	59.0	57.9	57.1	54.4
5	53.8	53.1	51.6	50.1	50.9	51.9	55.2	57.5	59.0	60.7	63.6	64.4	63.2	64.1	58.1	60.0	62.8	61.1	57.5	52.1	53.4	52.0	51.1	50.2
6	50.1	50.0	49.1	48.0	49.2	50.6	52.9	54.8	56.1	56.7	58.2	59.6	60.5	61.0	60.1	61.5	60.0	57.7	56.3	52.7	53.7	51.8	50.1	49.1
7	48.0	47.0	46.1	45.5	46.5	48.8	51.0	53.9	56.8	58.0	60.6	59.6	63.0	62.9	60.5	62.9	63.8	62.2	59.1	57.0	53.9	51.8	50.9	49.0
8	47.8	46.4	45.2	44.9	46.5	...	...	...	56.6	58.4	59.0	60.5	56.9	55.8	59.1	56.8	57.5	57.0	55.8	54.3	54.1	54.1	54.0	54.0
9	53.0	51.4	50.0	48.9	50.0	51.7	55.3	58.3	60.1	60.8	62.7	63.0	64.1	65.0	65.9	65.3	65.0	64.1	63.0	60.7	58.9	58.4	58.0	56.6
10	50.0	54.6	54.1	54.7	55.3	57.5	60.0	61.1	62.8	65.3	66.5	68.1	70.0	71.8	73.0	74.2	75.6	71.9	70.0	66.5	64.0	62.2	61.0	60.1
11	58.4	56.9	55.9	54.0	55.6	56.4	59.3	60.0	62.3	64.4	66.8	65.9	67.8	69.1	69.7	69.2	70.7	71.0	70.1	65.5	61.3	59.1	58.1	56.3
12	54.1	52.2	51.1	51.1	51.0	53.8	57.4	58.8	61.3	64.0	65.8	68.3	68.1	68.9	70.5	73.0	73.0	73.0	72.2	66.8	62.6	60.5	58.8	56.8
13	54.0	53.0	52.1	51.7	52.7	54.0	57.0	60.8	64.0	66.6	67.4	69.1	69.9	70.7	68.8	67.1	66.1	65.5	64.0	62.8	61.5	61.4	60.4	60.5
14	60.7	59.0	60.9	60.9	60.9	61.8	61.4	62.8	65.1	66.3	66.9	64.5	65.1	67.2	66.7	65.8	64.5	62.8	62.1	61.7	61.1	60.9	61.1	61.0
15	61.2	60.6	59.2	57.7	57.5	57.2	59.8	60.3	61.8	60.2	64.2	63.7	61.0	64.5	62.3	63.3	63.9	61.9	60.7	59.5	58.2	57.4	56.8	56.3
16	56.5	55.8	55.0	55.1	57.1	58.5	60.3	62.0	60.0	59.6	58.0	59.3	59.1	61.2	61.1	59.9	61.8	60.9	60.8	60.1	60.0	59.1	58.4	58.1
17	57.4	57.3	57.3	55.9	56.5	57.0	57.2	58.3	59.2	59.8	61.0	61.2	61.2	60.5	60.6	60.0	59.4	59.0	58.1	57.2	57.1	57.2	56.3	56.0
18	53.4	55.5	55.1	54.6	53.1	54.8	56.1	58.2	59.1	60.5	60.9	62.0	63.2	63.4	63.5	63.5	61.1	61.0	59.2	59.0	58.0	57.8	57.4	57.0
19	56.8	56.1	56.8	56.7	57.0	57.6	59.2	61.1	63.1	64.1	65.0	65.0	63.0	66.5	67.6	66.9	63.3	64.8	64.1	63.4	63.1	63.0	61.5	61.0
20	60.0	59.8	59.3	56.4	55.7	57.0	56.8	57.0	58.4	60.0	60.9	61.2	62.3	64.3	64.8	63.9	65.1	63.8	63.1	60.5	57.0	55.0	53.0	52.3
21	50.8	49.5	49.5	49.1	49.8	51.6	54.9	57.4	60.0	61.7	63.8	64.7	66.8	67.2	66.2	65.1	66.0	66.0	64.5	60.6	59.0	56.9	56.3	54.8
22	53.4	53.0	55.0	55.0	55.9	57.6	59.8	60.1	61.1	63.2	64.1	65.5	66.0	64.8	64.1	64.5	66.6	65.1	64.5	63.1	61.8	60.4	60.0	60.9
23	61.0	61.3	61.2	61.2	61.5	62.0	63.3	63.8	66.5	65.6	66.9	65.3	63.6	63.3	63.2	65.0	65.4	64.6	64.1	63.0	62.5	62.3	62.3	62.5
24	61.8	61.8	61.9	59.5	55.5	55.8	57.1	58.5	61.2	62.8	64.1	65.6	67.3	68.0	67.6	66.8	67.4	65.6	63.5	62.0	60.0	58.2	57.1	56.2
25	54.8	54.2	53.7	53.6	54.4	55.5	57.6	60.0	61.8	62.5	63.5	64.5	64.7	65.0	65.0	65.5	63.5	64.4	61.9	60.0	59.2	58.5	57.9	57.3
26	55.3	55.3	57.1	58.7	60.4	61.1	61.3	62.1	63.8	63.3	65.5	65.0	67.2	69.0	69.0	70.2	71.2	68.1	66.7	64.3	60.5	59.5	57.5	56.0
27	58.4	58.5	54.1	53.7	53.5	54.9	57.0	59.0	62.1	63.8	66.2	65.7	67.5	69.6	71.0	70.0	69.4	71.0	69.9	64.8	62.5	60.0	58.9	57.7
28	58.9	58.0	53.0	52.6	52.2	52.4	55.0	58.1	61.5	62.3	62.3	64.0	64.0	63.8	62.8	63.3	64.5	65.3	65.2	64.2	64.0	63.0	61.9	61.1
29	61.8	60.5	59.8	60.4	60.9	61.3	64.8	66.0	67.5	70.2	73.0	74.6	76.0	77.1	78.0	78.5	78.9	77.4	76.1	71.0	67.8	65.7	64.4	61.5
30	60.2	58.8	58.0	58.1	58.2	58.5	50.0	60.2	62.2	64.2	66.2	70.5	74.0	76.0	78.5	80.2	80.5	80.5	79.1	73.5	69.9	67.3	64.4	63.8
31	60.5	60.9	59.6	57.9	57.5	59.0	62.1	65.1	68.0	70.9	73.9	76.3	78.5	80.5	81.0	81.8	77.8	76.1	74.2	72.2	66.2	60.2	68.5	67.8

* Record defective or Instrument out of action.

* Approximate

HOURLY VALUES

July 1877.

CISTERN 3.4 FEET ABOVE MEAN SEA LEVEL.

	3	4	5	6	7	8	9	10	11	MIDT.		DAYS.
290	29.987	29.977	29.969	29.963	29.972	29.977	29.987	29.990	29.980	29.991		1
241	.936	.934	.933	.935	.938	.950	.960	.969	.982	.982		2
262	.958	.954	.946	.937	.942	.949	.960	.968	.967	.950		3
283	.928	.915	.911	.904	.908	.918	.935	.932	.928	.923		4
304	.878	.869	.864	.853	.847	.847	.851	.846	29.837	29.823		5
325	29.857	29.866	29.877	29.916	29.936	29.958	29.972	29.999	30.004	30.014		6
346	30.089	30.094	30.092	30.101	30.110	30.125	30.154	30.156	.160	.162		7
367	.217	.215	.222	.230	.235	.240	.251	.258	.262	.262		8
388	.238	.236	.228	.222	.225	.229	.238	.245	.244	.242		9
409	.133	.112	.106	30.093	.085	.093	.098	.102	.096	.095		10
430	30.027	30.017	30.011	29.999	30.007	30.010	30.015	30.021	30.029	30.034		11
451	29.875	29.856	29.838	.826	29.815	29.815	29.814	29.804	29.795	29.788		12
472	.734	.733	.729	.724	.722	.730	.726	.719	.697	.678		13
493	.443	.416	.386	.341	.312	.267	.229	.185	.139	.109		14
514	.257	.255	.261	.271	.278	.291	.307	.315	.313	.308		15
535	.306	.291	.296	.304	.313	.332	.333	.334	.332	.334		16
556	.555	.577	.593	.621	.637	.663	.682	.704	.711	.727		17
577	.865	.858	.863	.848	.851	.851	.853	.842	.832	.833		18
598	.792	.786	.790	.773	.779	.770	.771	29.762	29.769	29.763		19
619	.749	.955	.955	.966	.978	.985	.992	30.011	30.020	30.007		20
640	.962	.959	.954	.941	.935	.926	.923	29.911	29.906	29.893		21
661	.769	.756	.746	.737	.736	.731	.734	.732	.725	.718		22
682	.580	.558	.538	.524	.512	.500	.489	.469	.451	.437		23
703	.620	.624	.626	.640	.651	.672	.694	.720	.732	.736		24
724	.935	.935	.935	.938	29.949	29.952	29.957	29.950	29.933	29.910		25
745	29.924	29.939	29.961	29.978	30.011	30.036	30.059	30.074	30.083	30.094		26
766	30.072	30.071	30.070	30.074	.081	.090	.106	.124	.133	.140		27
787	.111	.104	.095	.091	.101	.111	.126	.131	.145	.154		28
808	.199	.203	.206	.207	.218	.221	.235	.237	.243	.248		29
829	30.210	30.194	30.181	30.176	30.167	30.159	30.163	30.153	30.148	30.137		30
850	29.887	29.861	29.849	29.830	29.817	29.805	29.799	29.783	29.771	29.770		31

WET BULB THERMOMETER 10 FEET ABOVE GROUND.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS
60.0	60.0	60.1	60.2	60.5	60.3	59.1	59.0	58.0	58.2	58.0	56.9	57.2	57.0	56.5	58.0	57.0	57.2	55.0	55.8	55.0	53.1	52.5	1
52.6	52.8	53.1	53.6	54.0	54.0	54.5	56.3	57.0	58.5	59.0	58.1	57.7	58.0	58.1	59.0	57.1	59.7	58.9	55.1	54.0	52.9	52.3	2
50.8	50.1	49.6	50.5	52.9	54.1	55.3	56.1	56.3	56.4	56.7	57.1	57.4	57.2	58.3	58.5	60.3	58.5	55.9	54.7	54.0	53.2	54.0	3
53.6	53.8	53.1	53.9	54.2	54.7	54.9	55.1	55.8	55.4	54.0	54.9	55.0	54.5	55.2	56.3	54.0	52.8	52.6	53.0	53.0	53.1	52.0	4
50.0	49.2	48.2	48.7	49.5	50.9	51.0	51.0	52.5	54.0	53.6	53.9	55.0	54.2	54.0	56.5	54.4	52.7	52.0	52.8	51.6	50.5	49.8	5
49.7	48.9	48.0	48.2	49.5	51.0	51.2	51.0	51.5	52.3	51.7	52.3	55.0	54.3	52.7	52.3	52.2	51.8	50.5	51.1	49.9	48.9	47.8	6
46.2	45.9	45.1	45.8	47.3	48.4	51.0	51.1	51.8	52.5	50.6	54.1	52.2	52.8	53.9	53.1	52.5	51.0	50.8	49.6	49.4	48.1	47.0	7
45.0	44.1	43.7	44.2	46.0	48.5	49.4	51.1	51.0	52.1	51.8	54.0	53.8	54.1	56.7	53.9	55.5	55.4	53.0	53.0	53.2	53.2	52.8	8
50.7	49.0	48.0	48.9	50.1	52.8	54.1	55.5	55.5	56.9	56.2	57.0	57.5	57.4	56.8	56.9	56.1	56.0	55.0	54.8	54.6	54.1	53.9	9
52.4	52.1	52.8	53.8	55.5	56.6	57.0	58.1	59.7	60.9	60.5	61.1	61.0	62.0	62.5	63.1	61.9	61.9	61.2	60.1	59.0	58.2	55.6	10
54.1	53.9	52.9	53.5	54.4	56.4	57.1	58.7	59.5	61.2	60.3	62.1	62.6	62.5	61.4	62.0	60.8	60.1	57.9	56.8	55.0	55.4	54.0	11
51.1	50.8	50.4	50.2	52.5	54.3	55.1	56.4	57.3	59.0	60.3	60.1	59.0	60.0	60.9	61.0	61.0	60.9	59.9	58.0	57.2	56.0	54.6	12
52.0	51.0	50.8	51.0	51.7	54.0	56.0	56.8	57.0	58.1	58.9	59.2	59.6	58.1	58.1	58.9	58.1	58.0	57.5	57.2	57.4	58.1	58.6	13
59.7	59.8	59.9	60.0	60.1	60.7	61.2	62.6	62.7	63.8	63.2	63.0	64.0	61.5	61.9	62.2	61.0	61.0	60.8	60.5	60.6	60.7	60.8	14
59.8	58.3	56.4	55.9	56.3	57.4	57.1	58.0	58.0	60.0	60.8	57.1	59.3	58.3	59.0	60.1	58.1	57.3	56.7	55.8	55.2	55.0	55.0	15
54.1	53.6	54.0	55.2	56.0	57.1	58.0	57.9	57.4	56.0	58.0	59.1	59.0	58.4	59.8	58.9	58.9	58.8	58.8	58.5	58.0	57.8	57.8	16
57.0	56.5	55.0	55.0	55.2	55.7	56.0	56.2	56.8	56.7	57.0	57.0	56.1	56.2	55.9	55.1	54.7	54.1	53.7	53.8	53.6	52.9	52.8	17
52.5	52.0	51.5	51.2	52.1	53.0	53.8	54.2	53.8	53.7	53.0	53.7	53.6	54.0	54.1	55.4	56.0	55.9	56.0	56.0	56.0	56.0	55.9	18
55.3	55.9	56.0	56.3	56.7	57.3	57.9	60.0	59.7	60.5	60.6	60.7	61.4	62.1	62.2	61.7	62.0	61.2	61.0	61.2	61.0	57.7	57.5	19
57.3	57.0	52.2	52.3	53.8	51.0	49.5	49.1	51.4	51.8	52.0	52.4	53.9	53.9	53.2	55.0	55.0	54.9	53.3	52.0	51.1	50.0	49.8	20
48.6	48.7	48.5	48.8	50.0	52.0	53.1	54.1	55.2	56.1	56.7	58.5	59.1	59.0	58.7	58.6	58.3	57.5	55.0	54.0	53.0	52.9	52.2	21
52.0	53.9	54.0	54.6	55.9	57.0	56.8	57.7	58.5	59.6	60.1	60.7	60.2	60.0	60.0	61.4	60.7	60.3	60.0	59.0	58.9	58.7	59.1	22
59.2	59.7	59.4	59.4	59.9	60.7	60.9	62.2	61.3	63.0	62.7	62.2	62.3	62.4	63.8	63.6	62.9	62.5	62.1	62.0	61.6	61.1	61.0	23
61.1	61.3	58.3	54.3	54.9	55.4	55.2	55.6	56.3	57.0	58.1	58.5	60.0	58.8	59.0	59.8	59.1	58.1	58.0	57.2	56.3	55.4	54.8	24
53.6	52.9	52.7	53.1	54.0	54.8	55.8	55.6	55.0	56.1	56.6	57.5	56.9	57.6	57.5	57.6	56.9	56.1	56.3	56.2	56.6	56.0	56.0	25
56.0	56.7	58.0	59.7	60.0	60.5	61.2	61.2	59.8	59.0	59.5	60.1	60.8	61.5	60.2	61.8	61.0	59.0	57.7	57.0	55.9	55.0	54.8	26
54.5	53.6	53.0	52.9	54.1	55.5	57.0	58.9	59.2	60.7	60.6	62.1	61.5	61.6	60.6	61.0	60.2	60.6	58.0	57.4	55.7	55.1	54.1	27
53.0	52.2	51.3	51.0	51.3	53.1	55.3	57.2	57.8	59.0	59.3	60.1	61.0	61.5	61.8	62.5	63.2	63.1	62.8	62.7	62.0	61.1	60.7	28
59.8	59.0	59.8	60.0	60.3	62.7	63.0	64.0	65.1	66.0	66.7	67.5	67.6	68.5	68.5	68.6	68.1	67.5	64.9	63.8	62.5	61.0	59.8	29
57.8	57.2	57.9	58.0	58.1	58.4	59.3	60.7	61.5	63.3	65.5	67.2	67.9	69.1	69.2	69.9	69.2	68.0	66.9	65.2	62.9	61.9	61.9	30
60.0	58.4	56.9	56.1	57.5	59.8	61.0	62.5	65.0	67.1	69.5	70.0	70.7	71.0	70.5	71.0	70.1	69.1	68.5	67.7	67.0	66.2	65.2	31

Meteorological Office.

116, Victoria Street, Westminster, S.W.

ROBERT H. SCOTT, Secretary.

KEW

OBSERVATORY

LAT: 51°28' N.

LONG: 0°19' W.

WIND

DIRECTION IN NUMBERS

8-E	24-W
16-S	32-N

DAYS	1		2		3		4		5		6		7		8		9		10		11		NOON		1	
	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V
1	8	55	8	4	8	4	8	3	8	3	8	3	8	4	31	75	30	65	30	45	28	75	28	4	28	4
2	28	4	28	4	28	3	28	3	28	3	28	45	28	4	28	4	28	55	26	65	24	65	25	65	25	6
3	22	65	22	45	22	55	21	55	21	75	21	75	21	11	22	105	24	95	22	15	22	15	22	14	23	18
4	20	55	20	45	20	55	20	45	20	4	20	65	21	75	22	95	22	55	19	95	25	105	24	85	23	9
5	28	55	23	45	23	55	23	65	23	55	23	65	23	75	22	11	23	11	22	11	20	105	21	105	25	7
6	20	45	20	55	20	55	20	45	20	45	22	45	22	85	23	75	25	85	25	85	24	85	24	105	23	7
7	26	45	26	4	26	45	26	4	26	4	26	65	26	55	26	65	26	95	25	85	24	105	27	11	27	
8	31	4	31	4	30	45	30	4	30	4	28	55	28	75	26	95	29	11	28	65	28	65	24	95	30	5
9	26	45	26	4	26	45	24	75	23	65	22	55	22	75	22	65	21	95	22	105	22	15	22	12	22	14
10	21	75	21	85	21	65	21	65	21	65	21	75	21	95	24	105	22	12	22	12	20	13	21	17	21	17
11	25	55	24	65	23	55	23	55	23	65	21	75	21	75	23	95	23	11	22	95	20	85	23	95	21	11
12	25	3	25	2	25	2	25	15	25	2	25	3	25	2	25	2	25	3	25	45	25	4	24	45	19	4
13	18	3	18	3	18	2	18	2	18	3	18	4	18	4	18	4	18	55	24	65	23	85	21	95	23	11
14	17	11	18	12	18	11	18	105	18	85	18	11	17	11	17	11	17	15	16	14	17	21	16	17	19	16
15	16	13	18	14	20	16	20	16	20	16	20	15	21	17	20	19	21	21	21	20	21	16	20	14	19	19
16	18	105	18	11	17	105	17	11	17	14	17	13	17	16	17	22	17	19	17	20	16	23	17	18	17	16
17	22	75	21	95	21	105	21	105	21	12	19	17	20	15	21	16	21	15	21	17	22	18	22	18	23	19
18	24	105	23	85	22	105	22	11	22	75	22	13	23	12	23	15	23	13	23	13	22	14	23	13	22	16
19	21	2	21	3	21	3	21	2	21	2	21	3	21	3	21	55	21	65	20	75	18	95	19	105	20	75
20	21	11	21	11	25	105	27	105	27	4	27	65	26	12	27	13	27	14	24	105	25	16	25	14	24	16
21	23	45	23	4	22	45	22	4	22	45	22	55	21	12	20	16	21	13	21	14	20	20	21	16	20	17
22	20	3	20	2	20	4	20	45	20	3	20	55	20	75	19	12	19	12	18	11	18	13	18	14	18	15
23	17	85	17	14	17	14	17	14	17	13	16	14	16	16	16	18	16	22	17	24	17	24	16	23	16	18
24	17	13	17	12	17	95	25	12	24	75	22	65	21	85	21	11	23	14	21	13	22	15	20	14	21	15
25	19	65	19	65	19	65	19	65	19	65	20	95	22	12	22	11	23	12	22	105	25	11	22	12	23	75
26	17	105	15	14	16	18	18	16	20	16	20	14	21	13	22	13	24	14	27	13	28	17	29	14	29	14
27	23	45	22	55	22	45	22	45	22	55	22	55	22	45	22	55	22	65	22	75	19	95	19	105	19	85
28	29	3	29	2	29	3	29	45	28	4	28	55	22	55	22	45	22	85	21	85	22	75	21	11	22	85
29	23	55	23	55	23	55	23	45	23	65	23	45	23	75	24	85	23	85	24	75	24	11	24	11	23	105
30	28	3	23	4	23	45	23	55	23	4	23	45	21	55	21	45	21	4	21	55	22	55	22	65	20	95
31	20	3	20	2	20	4	20	4	20	55	20	4	22	65	20	95	20	85	19	75	20	95	20	105	22	11

RAINFALL

GAUGE

 HEIGHT ABOVE GROUND 2 FEET
 HEIGHT ABOVE MEAN SEA LEVEL 20 FEET

DAYS	1	2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	WIDE
1	.	.	.	.	.	.	.	.010	.	.055	.072	.070	.040	.040	.045	.010	.	.	.	.	.	.	.	.
2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.025	.	.005	.	.	.	.
4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
6	.	.	.	.	.	.	.	.	.	.005	.010	.	.	.100	.	.	.	.005	.005	.	.	.	.	.
7	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
8	.	.	.	.	.	.	.	.	.	.	.	.	.	.050	.080	.	.	.065	.030	.	.	.	.	.
9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
10	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
12	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
13	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.
14	.	.	.	.	.	.	.035	.	.	.	.	.020	.010	.040	.	.	.005	.020	.015	.010	.055	.150	.145	.040
15	.	.	.005	.	.	.015	.	.	.	.020	.	.010	.005	.	.040	.020	.050	.	.	.	.	.	.	.
16	.	.	.	.	.	.	.	.	.020	.005	.055	.030	.025	.	.	.	.	.	.	.	.005	.060	.145	.050
17	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
18	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.005	.	.	.	.	.
20	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23	.	.	.	.	.	.	.	.	.	.	.	.	.040	.100	.080	.030	.	.	.	.040	.020	.035	.005	.
24	.	.015	.140	.030	.005	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.015
26	.035	.070	.050	.040	.015	.	.	.020	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
28	.	.	.	.	.	.	.	.	.	.	.	.	.	.005	.015	.005	.	.	.	.	.	.	.	.
29	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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31	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.

Dew

.005

* Record defective or Instrument out of action.

* Approximate.

HOURLY VALUES

July

1877.

AND VELOCITY IN MILES PER HOUR

3		4		5		6		7		8		9		10		11		MIDT.		DAYS	
V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D	V	D		
4	28	55	30	75	30	75	28	65	28	55	28	45	28	3	28	4	28	4	28	3	1
8.5	26	10.5	25	8.5	25	65	22	45	22	45	21	65	21	65	22	8.5	22	75	22	55	2
8	21	18	20	21	20	16	21	9.5	19	12	19	10.5	20	8.5	20	65	20	65	20	45	3
10.5	26	75	25	8.5	21	8.5	23	9.5	24	7.5	23	10.5	23	5.5	23	45	23	45	23	55	4
1	23	75	25	11	25	9.5	28	7.5	28	4.5	28	4.5	22	4.5	20	3	20	3	20	4	5
1	27	11	26	10.5	27	11	32	7.5	32	3	32	3	32	2	32	4	31	45	27	45	6
3	29	13	28	14	26	12	27	11	27	9.5	26	8.5	31	3	31	3	31	45	31	4	7
4.5	30	45	29	4	29	5.5	28	2	28	3	28	5.5	26	4.5	26	4.5	26	55	26	4	8
3	22	15	23	17	23	14	23	13	24	11	23	7.5	22	6.5	22	6.5	22	8.5	22	8.5	9
5	21	14	22	12	23	12	24	7.5	24	6.5	20	14	20	10.5	20	8.5	20	6.5	25	7.5	10
9.5	22	10.5	23	9.5	22	11	25	11	25	8.5	25	4.5	25	3	25	4	25	4.5	25	2	11
4.5	22	4.5	20	6.5	26	4.5	24	5.5	25	5.5	18	6.5	18	6.5	18	5.5	18	4.5	18	4	12
2	22	15	21	15	20	17	20	14	20	16	19	13	20	15	19	8.5	18	10.5	17	11	13
8	17	18	17	13	16	15	14	12	14	12	12	15	12	13	11	16	13	11	15	13	14
8	19	16	20	13	18	12	18	15	18	15	19	12	18	13	18	12	18	13	17	14.5	15
7	17	18	17	17	18	14	18	14	18	13	18	11	19	10.5	19	10.5	19	10.5	21	13	16
8	22	20	23	14	22	16	23	15	23	15	23	13	23	11	23	13	23	11	23	12	17
3	24	12	23	12	22	10.5	21	9.5	21	5.5	21	5.5	21	4.5	21	4	21	3	21	4	18
3	20	15	19	13	20	11	20	13	19	12	19	9.5	19	8.5	19	11	24	12	22	10.5	19
3	25	13	24	13	24	11	25	10.5	24	7.5	24	7.5	24	6.5	24	4.5	24	5.5	23	7.5	20
7	19	17	20	16	21	12	20	13	20	10.5	20	9.5	20	6.5	20	5.5	20	5.5	20	4.5	21
3	19	14	19	15	18	18	18	14	18	12	18	10.5	19	13	18	9.5	18	8.5	17	10.5	22
6	16	16	16	17	16	19	16	16	15	15	16	12	16	17	17	16	16	11	17	14	23
5	20	15	19	17	20	16	19	11	19	11	19	8.5	19	7.5	19	8.5	19	8.5	19	6.5	24
8.5	22	9.5	20	11	21	11	20	15	19	12	19	11	19	7.5	18	12	18	9.5	18	10.5	25
2	25	10.5	26	13	25	10.5	26	9.5	26	12	26	5.5	26	4	26	4.5	25	5.5	24	7.5	26
9.5	25	7.5	26	10.5	28	7.5	27	8.5	28	5.5	28	4	28	4.5	29	8.5	29	3	29	2	27
5.5	21	9.5	21	8.5	22	10.5	22	9.5	23	6.5	23	4.5	23	5.5	23	6.5	23	5.5	23	5.5	28
3	25	11	23	11	23	12	22	10.5	23	8.5	23	5.5	23	5.5	23	6.5	23	4	23	4.5	29
8.5	21	10.5	20	7.5	21	8.5	21	5.5	21	4	20	5.5	20	3	20	4.5	20	4	20	1.5	30
7.5	20	8.5	21	10.5	19	12	18	8.5	18	6.5	18	3	18	4	21	3	21	3	21	3	31

VAPOUR TENSION. IN INCHES, BY GLAISHER'S TABLES, 5TH EDITION.

2	3	4	5	6	7	8	9	10	11	NOON	1	2	3	4	5	6	7	8	9	10	11	MIDT.	DAYS.	
498	502	503	502	509	508	472	470	467	467	467	433	447	436	403	413	385	371	347	397	395	371	373	1	
576	382	387	395	397	374	358	375	373	389	398	373	346	353	389	404	356	420	434	362	354	352	353	2	
356	347	348	348	373	380	388	387	369	361	347	359	362	367	405	421	476	443	398	391	390	381	401	3	
398	403	382	403	402	395	386	371	365	342	300	309	306	298	303	320	276	276	293	330	343	353	356	4	
121	320	313	317	324	321	300	287	303	309	295	310	327	371	344	380	343	340	387	391	377	360	353	5	
353	344	335	324	341	348	332	316	320	323	297	301	358	351	300	306	326	331	339	341	336	331	316	6	
303	308	295	300	307	309	333	309	314	304	274	316	277	312	313	289	289	286	300	302	323	302	298	7	
282	275	269	263	...	*	*	...	309	316	304	339	373	376	426	377	414	417	367	384	393	393	382	8	
361	334	323	332	342	367	366	381	373	388	366	375	379	367	358	364	353	361	361	376	378	370	380	9	
364	362	374	394	414	412	409	420	434	456	426	421	401	416	420	421	424	453	465	468	453	445	384	10	
381	389	385	382	396	415	418	443	441	461	444	476	473	464	438	439	404	394	384	402	379	403	387	11	
361	368	357	353	385	381	386	391	384	414	418	415	378	388	388	390	390	395	423	419	423	410	397	12	
374	360	360	351	352	377	385	371	351	371	374	374	376	357	374	402	389	403	403	411	417	450	465	13	
493	497	503	504	493	520	516	529	515	543	559	543	546	472	496	525	509	519	518	519	524	526	530	14	
502	474	437	425	440	438	422	429	450	458	490	413	434	432	439	465	431	423	421	412	406	408	415	15	
396	392	402	410	414	422	427	450	440	448	463	466	470	469	467	484	468	470	478	479	483	476	475	16	
461	466	462	472	412	411	423	417	411	420	402	408	408	392	393	392	379	372	369	367	371	365	359	360	17
358	348	341	351	354	364	359	358	334	328	301	306	302	310	312	367	383	402	407	421	424	429	431	18	
427	434	439	443	448	442	435	473	451	463	466	496	471	478	490	525	513	498	500	512	506	425	425	19	
435	432	340	351	372	307	273	255	286	286	287	286	302	298	295	319	330	334	323	327	327	322	326	20	
331	334	334	332	340	350	350	347	355	356	362	387	398	404	409	396	388	385	362	354	352	359	356	21	
374	400	403	409	423	426	416	429	427	448	444	455	456	460	454	470	468	463	473	459	476	475	474	22	
472	490	480	474	484	492	492	496	480	516	529	538	546	551	573	560	547	542	544	548	537	519	513	23	
527	532	470	406	418	416	392	371	371	375	387	382	413	386	399	415	414	412	427	429	427	416	410	24	
403	390	386	386	397	392	390	364	342	359	361	382	365	381	374	398	370	376	403	411	432	422	420	25	
444	455	472	503	502	515	526	502	464	437	433	425	424	433	395	429	440	400	392	417	404	399	413	26	
412	405	393	393	407	420	436	452	439	466	456	480	436	425	408	425	388	409	393	404	387	384	373	27	
375	380	361	358	363	378	400	411	417	452	440	464	495	526	528	535	546	548	550	550	540	525	526	28	
504	488	505	504	508	537	529	542	542	534	537	545	536	547	549	546	549	544	523	530	517	500	489	29	
464	457	478	479	478	480	492	507	506	537	551	561	558	568	546	547	570	564	596	610	587	551	530	30	
504	472	449	431	452	480	477	486	527	558	611	598	597	601	574	645	636	626	633	638	614	604	579	31	

